

**CITY OF NEWARK  
DELAWARE**

**CAPITAL IMPROVEMENTS PROGRAM**

**PROJECT DETAIL  
2009-2013**





## CITY MANAGER'S OFFICE

CITY OF NEWARK

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June 2, 2008

Newark City Council  
City of Newark, Delaware

### 2009-2013 CAPITAL IMPROVEMENTS PROGRAM

Mayor Funk and Members of City Council:

We are pleased to submit our recommended 2009-2013 Capital Improvement Program for your review and consideration. Given the financial resources available, the proposed program represents our best assessment of needs over the five-year period. The program, most importantly, is intended to preserve and improve Newark's physical character and quality of assets.

#### Capital Planning Process

The capital planning process used to develop the program is both comprehensive and detailed. Department heads in early spring reviewed their current operations and future goals to determine their capital requirements. They then compiled financial estimates and justifications for each desired project. In May these project descriptions were carefully reviewed by the City Manager and the capital budget review team to ascertain the need for each project and the accuracy of the financial estimates. Typically, many revisions and reductions occur at this stage of the process. Concurrent with this review, Council was apprised of the projects under consideration and their policy direction solicited. At the same time, the Finance Department generated a financial forecast which provided guidance as to what the City can afford. The program presented here is the final result of the process.

Capital improvements, by and large, are those projects and purchases which have a usable life in excess of six years or a value of more than \$20,000. If a project entails multiple projects or purchases, any or all of which are individually estimated to cost less than \$20,000 but in aggregate have a value in excess of \$20,000, it is considered a capital improvement. Similarly, a project estimated to continue over two or more years before its completion which costs over \$20,000 but less than

\$20,000 in any individual year, is a capital improvement.

Attention is given to the following in reviewing and recommending capital improvement proposals:

1. Reviewing all proposals in order to prevent overlapping, and checking whether they conform to the City's comprehensive development plan.
2. Carefully exploring the impact of each capital project on the annual operating budget, both in terms of debt service and the cost of operating and maintaining completed projects.
3. Looking at alternative sources of funding for projects which may qualify for federal or state grants.

#### The 2009 Capital Budget

The recommended 2009 capital budget is \$4,986,950. This represents a decrease of \$1,161,250 or 18.6% from the 2008 capital budget.

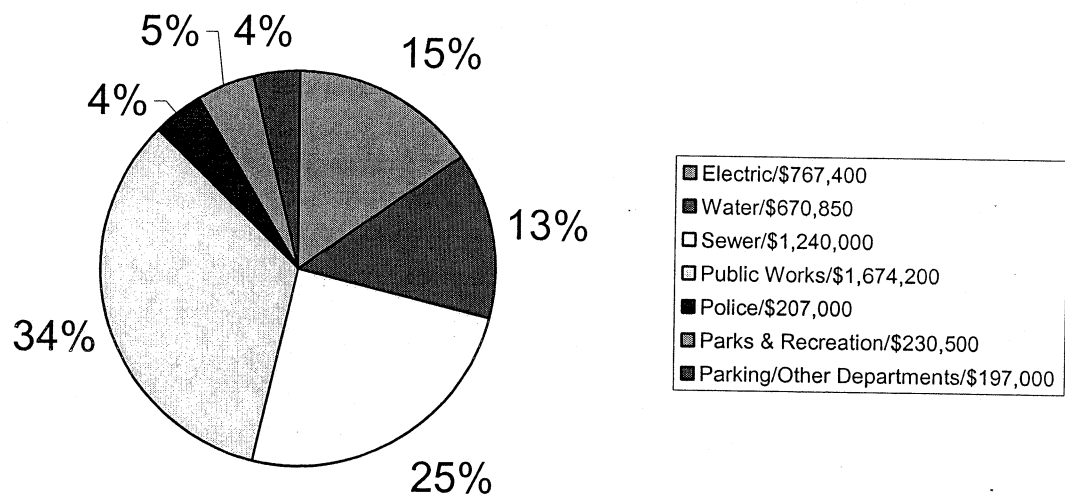
<u>Expenditures</u>	<u>2008</u>	<u>2009</u>
Electric	\$1,800,600	\$767,400
Water	687,600	670,850
Sewer	1,400,000	1,240,000
Public Works	1,443,500	1,674,200
Police	438,200	207,000
Parks & Recreation	224,300	230,500
Parking	12,000	50,000
Other Departments	142,000	147,000
Total	<u>\$6,148,200</u>	<u>\$4,986,950</u>

<u>Funding Sources</u>		
Current Resources	\$2,283,900	\$2,855,425
Capital Reserves	\$1,747,200	\$20,000
Equipment Replacement	\$373,100	\$416,100
Grants/Other	<u>\$1,744,000</u>	<u>\$1,695,425</u>
Total	<u>\$6,148,200</u>	<u>\$4,986,950</u>

The single largest change in these budgets year to year is the decrease in the expenditures for the Electric Department. The 2008 budget includes roughly \$1 million for the completion of the Kershaw substation. Also contributing to the decrease are reduced expenditures in the Police Department which acquired the mobile command post (\$260,000) in the 2008 budget and reduced expenditures in the

Sewer department which funded the Silverbrook pump replacement (\$130,000) in the 2008 budget. Partially offsetting these decreases are an increase in Public Works related to the curbside recycling program (\$392,000) and the initiation of a multiyear program to comply with American with Disabilities Act regulations, specifically those concerning handicap ramp transitions (\$120,000.) While there were many other changes in the specific projects across the various departments, these changes did not significantly alter the total budget.

2009 Capital Expenditures by Function



As depicted in the pie chart above, over 50 percent of the budget is dedicated to maintaining and enhancing our utility plant. This is somewhat higher than historical levels but reflects the significant cost of the Christina Creek sewer crossing. Fully a third of the 2009 capital budget is for Public Works. This is generally consistent with past practice and reflects the City's large existing investment in the refuse and transportation infrastructure. Moreover, the initiation of the curbside recycling program also contributes to this percentage.

A variety of sources is used to fund the capital budget. We also seek to maximize the utilization of third party sources. Of the total budget for 2009, \$2,855,425 or 57% will be funded with current resources. These are funds that will be taken from next year's operating surplus. Only \$20,000 will draw on existing capital reserves. This contrasts sharply with the 2008 budget in which \$1,747,200 of capital reserves were utilized. Use of the equipment replacement fund remains at the relatively modest level of \$416,100. However, the use of this reserve fund rises dramatically in the subsequent years of the program. Grants of \$1,277,625 will fund



about 26% of the budget. The largest grants anticipated are a \$660,000 Hazard Mitigation Grant (HMG) to fund the Christina Creek sewer crossing, a \$250,000 State grant for the annual street program, and a \$170,000 HMG to replace the Northwest booster station. Another, smaller, source of grant funds is the Community Development Block Grant Program. Finally, we will seek \$270,000 in County funds to support the Christina Creek sewer crossing since the County shares in the costs of operating and maintaining that line.

#### The 2009-2013 Capital Improvements Program

The 2009-2013 capital improvement program totals \$41,697,250. This represents an increase of \$21,739,050 or 109% more than last year's plan. However, \$20 million of this increase is attributable to one project, the downtown parking garage. This project is discussed below. Excluding this project, the increase is \$1,739,050 or 8.7%. Much of this increase is due to inflation in the later years of the program.

Capital improvements for the five-year planning period are listed by department in the table below.

	2009	2010	2011	2012	2013	Total
Electric Fund	\$767,400	\$437,000	\$473,700	\$667,500	\$962,500	\$3,308,100
Water Fund	670,850	896,600	503,550	833,000	436,800	\$3,340,800
Sewer Fund	1,240,000	145,000	200,000	200,000	0	\$1,785,000
Public Works - Gen Fund	1,654,200	2,629,200	2,161,500	1,739,500	1,577,900	\$9,762,300
Public Works - Maint Fund	20,000	70,200	0	25,000	0	\$115,200
Police Department	207,000	426,200	120,600	187,250	46,000	\$987,050
Parks & Recreation Dept	230,500	476,300	593,800	170,100	49,500	\$1,520,200
Parking Fund	50,000	20,000,000	368,300	0	0	\$20,418,300
Other Departments	147,000	169,200	88,400	14,700	41,000	\$460,300
Total	<u>\$4,986,950</u>	<u>\$25,249,700</u>	<u>\$4,509,850</u>	<u>\$3,837,050</u>	<u>\$3,113,700</u>	<u>\$41,697,250</u>

We have included \$20 million in the 2010 for the construction of a downtown parking garage and intend to seek third party funding for it. Additionally, \$50,000 is earmarked in 2009 for preliminary planning and design work. It is appropriate to include this in this year's program given the magnitude of the investment and the needed planning time. Approval of this program does not constitute approval of the garage construction itself, only the requisite planning.

The overall totals for each of the five-year capital improvement programs (current vs. next year's) are included below:

<u>Expenditures</u>	<u>2008-2012</u>	<u>2009-2013</u>
Electric	\$3,481,700	\$3,308,100
Water	3,113,800	3,340,800
Sewer	1,510,000	1,785,000
Public Works	8,508,900	9,877,500
Police	1,164,300	987,050
Parks & Recreation	1,241,200	1,520,200
Parking	359,000	20,418,300
Other Departments	579,300	460,300
<b>Total</b>	<b>\$19,958,200</b>	<b>\$41,697,250</b>

<u>Funding Sources</u>		
Current Resources	\$9,314,400	\$12,399,275
Capital Reserves	\$2,025,500	\$20,000
Equipment Replacement	\$5,478,300	\$6,302,550
Grants	\$3,120,000	\$2,557,625
Other	\$20,000	\$20,417,800
<b>Total</b>	<b>\$19,958,200</b>	<b>\$41,697,250</b>

#### Expenditure Trends and Highlights

Investments by program as a percentage of total projected capital outlays are as follows:

	<u>2009</u>	<u>Percent of Total</u>	<u>2009-2013</u>	<u>Percent of Total</u>
Electric	\$767,400	15.4%	\$3,308,100	7.9%
Water	670,850	13.5%	3,340,800	8.0%
Sewer	1,240,000	24.9%	1,785,000	4.3%
Public Works	1,674,200	33.6%	9,877,500	23.7%
Police	207,000	4.2%	987,050	2.4%
Parks & Recreation	230,500	4.6%	1,520,200	3.6%
Parking	50,000	1.0%	20,418,300	49.0%
Other Departments	147,000	2.9%	460,300	1.1%
<b>Total</b>	<b>\$4,986,950</b>	<b>100%</b>	<b>\$41,697,250</b>	<b>100%</b>

Electric Utility. There are a number of new projects in the electric fund. These include a multi-year project for distribution upgrades in Nottingham Green and the replacement of electric meters. Other ongoing projects are the testing and disposal of contaminated pole mounted transformers and the installation of new lines and services. The previously planned acquisition of a new bucket truck is now scheduled for 2009.

Water and Sewer Utilities. The majority of the new projects are devoted to

improvements in the sanitary sewer system and, to a lesser degree, the water utility. The replacement of two sewer lines crossing the lower Christina Creek will cost \$1,200,000. This is the largest project in the capital improvement program apart from the parking garage. Major water projects include upgrades to the Curtis Water Treatment Plant filter system (\$350,000 over three years), \$530,000 devoted to water tank maintenance in 2012 and 2013, and the continuation of the annual water main replacement program. Plans are also recommended to expand the Curtis Water Treatment Plant to increase capacity in 2010.

**Public Works.** Without a doubt, the most significant capital expenditure in this area is replacement of trucks and equipment (\$3.3 million). In addition, the annual street and curb replacement program totals \$3.75 million. These large projects are supplemented by annual storm drainage and Christina Creek improvements and continuation of a strong stormwater quality program. As previously mentioned, \$600,000 is targeted for ADA compliance.

**Public Safety and Technology.** The Police equipment replacement program (\$712,050) and the replacement of the portable radios (\$200,000) make up most of the public safety improvements. The Finance Department will continue the expansion of the computer and information system, most notably \$100,000 for the installation of a wide area network to connect various municipal facilities to the municipal building system. There are a number of accounting, network and billing system upgrades included in the program over the next five years consistent with the IT plan approved earlier this year. New IT projects include a document management system and IT upgrades to the Council chambers.

**Parks and Other Facilities.** Here, too, truck and equipment replacement expenditures reflect a relatively high total (\$514,400). Regular annual funds are allocated to perform major maintenance at various sites (\$551,700). A pay-on-foot parking system for lot No. 3 is planned for 2011. Last but not least is the \$20 million for the downtown parking garage discussed above.

\* \* \*

### **Financial Forecast and Cash Flow**

Included in this package is a schedule which attempts to forecast the City's financial results for 2008-2013 time period. It is based on numerous assumptions and is not intended as a prediction of future results. Rather, it is intended to provide a context for the financial decisions that must be made over the coming few years. The assumptions themselves are fairly straightforward. Most costs are anticipated to increase at an inflationary rate. Wages and benefits are projected to increase at a higher 4% rate. Results for the electric and sewer operations are estimated to produce roughly 20% margins. However, the water operations generate a 10% margin but only after a roughly 13% rate increase in 2009. Governmental revenues

are projected to increase 2% annually without any change in the underlying tax and fee structure.


This forecast methodology produces annual surpluses in every year except 2010 when our current funding for capital expenditures peaks. More importantly, the cash flow projection shows our cash balance rising from \$18 million presently to nearly \$21 million by the end of the period. This presents a challenge as that level of cash reserves will likely be insufficient to maintain the City's credit rating and to fund as yet unidentified but desirable capital and operating projects. Having identified this challenge now it is incumbent on us to plan accordingly.

In sum, we believe this capital improvements program is based on a careful and pragmatic scrutiny of the City's short and mid-term infrastructure needs, taking into account future requirements, while at the same time, closely managing the City's ability to pay as we go forward.

We look forward to reviewing the 2009-2013 Capital Improvement Program with you.

Respectfully submitted,

  
Roy H. Lopata  
Interim City Manager

  
Dennis W. McFarland  
Finance Director

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM SUMMARY**  
**2009 -2013**

**FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM**

	2009	2010	2011	2012	2013	TOTAL
ELECTRIC FUND	\$767,400	\$437,000	\$473,700	\$667,500	\$962,500	\$3,308,100
WATER FUND	670,850	896,600	503,550	833,000	436,800	3,340,800
SEWER FUND	1,240,000	145,000	200,000	200,000	0	1,785,000
PUBLIC WORKS-GEN. FD.	1,654,200	2,629,200	2,161,500	1,739,500	1,577,900	9,762,300
PUBLIC WORKS-MAINT FUND	20,000	70,200	0	25,000	0	115,200
POLICE DEPARTMENT	207,000	426,200	120,600	187,250	46,000	987,050
PARKS & RECREATION DEPT.	230,500	476,300	593,800	170,100	49,500	1,520,200
PARKING FUND	50,000	20,000,000	368,300	0	0	20,418,300
OTHER DEPARTMENTS	147,000	169,200	88,400	14,700	41,000	460,300
TOTAL	<u>\$4,986,950</u>	<u>\$25,249,700</u>	<u>\$4,509,850</u>	<u>\$3,837,050</u>	<u>\$3,113,700</u>	<u>\$41,697,250</u>

**PLANNED FINANCING SOURCES**

CURRENT RESOURCES	\$2,855,425	\$3,248,700	\$2,507,650	\$2,072,200	\$1,715,300	\$12,399,275
CAPITAL RESERVES	20,000	0	0	0	0	20,000
EQUIPMENT REPLACEMENT	416,100	1,681,000	1,682,200	1,444,850	1,078,400	6,302,550
BOND ISSUES	147,800	0	0	0	0	147,800
GRANTS	1,277,625	320,000	320,000	320,000	320,000	2,557,625
OTHER FINANCING SOURCES	270,000	20,000,000	0	0	0	20,270,000
TOTAL	<u>\$4,986,950</u>	<u>\$25,249,700</u>	<u>\$4,509,850</u>	<u>\$3,837,050</u>	<u>\$3,113,700</u>	<u>\$41,697,250</u>

**CITY OF NEWARK, DELAWARE**  
**SUMMARY OF VEHICLE REPLACEMENT PROGRAM SCHEDULE**  
**CAPITAL PROGRAM YEARS 2009 - 2013**

DEPARTMENT/DIVISION	REPLACEMENT COSTS				
	2009	2010	2011	2012	2013
ELECTRIC	\$22,600	\$42,000	\$223,700	\$237,500	\$442,500
WATER	22,600	105,100	167,800	250,000	48,000
PUBLIC WORKS - REFUSE	140,000	721,500	420,200	217,200	474,400
PUBLIC WORKS - STREETS	111,400	250,800	365,300	418,000	-
PUBLIC WORKS - ENGINEERING	-	53,900	21,000	37,300	26,500
PUBLIC WORKS - MAINTENANCE	-	20,200	-	25,000	-
POLICE	73,000	285,200	120,600	187,250	46,000
PARKS	46,500	155,800	254,200	57,900	-
PARKING	-	-	21,000	-	-
OTHER DEPARTMENTS	-	46,500	88,400	14,700	41,000
TOTAL CITY	<u>\$416,100</u>	<u>\$1,681,000</u>	<u>\$1,682,200</u>	<u>\$1,444,850</u>	<u>\$1,078,400</u>
					<u>\$6,302,550</u>

# CITY OF NEWARK, DELAWARE

## FINANCIAL FORECAST

2009 - 2013

(In Thousands)

	ACTUAL 2007	APPROVED BUDGET 2008	2009	2010	2011	2012	2013
Operating Revenues:							
Utilities Gross Margin	\$17,918	\$19,720	\$20,395	\$21,000	\$21,636	\$22,535	\$23,368
Property & Realty Taxes	6,862	6,851	6,988	7,128	7,271	7,416	7,564
Other Revenue	9,071	6,691	6,825	6,962	7,101	7,243	7,388
<b>TOTAL REVENUES</b>	<b>\$33,851</b>	<b>\$33,262</b>	<b>\$34,208</b>	<b>\$35,090</b>	<b>\$36,008</b>	<b>\$37,194</b>	<b>\$38,320</b>
Operating Expenses:							
Personnel Services	\$19,862	\$21,390	\$22,246	\$23,136	\$24,061	\$25,023	\$26,024
Materials & Supplies	1,792	1,914	1,962	2,011	2,061	2,113	2,166
Contractual Services	4,023	3,633	3,724	3,817	3,912	4,010	4,110
Equipment Depreciation	957	1,073	1,137	1,208	1,143	1,145	1,225
Other Expenses	470	285	293	300	308	316	324
<b>TOTAL OPERATING EXPENSES</b>	<b>\$27,104</b>	<b>\$28,295</b>	<b>\$29,362</b>	<b>\$30,472</b>	<b>\$31,485</b>	<b>\$32,607</b>	<b>\$33,849</b>
<b>GROSS MARGIN FROM OPERATIONS</b>	<b>\$6,747</b>	<b>\$4,967</b>	<b>\$4,846</b>	<b>\$4,618</b>	<b>\$4,523</b>	<b>\$4,587</b>	<b>\$4,471</b>
Non-Operating Expenses:							
Debt Service	\$1,992	\$1,966	\$1,924	\$1,749	\$1,578	\$1,579	\$1,572
Current Capital Program	2,176	2,284	2,855	3,249	2,508	2,072	1,715
Reserve for Future Projects	0	0	0	0	0	0	0
<b>TOTAL NON-OPERATING EXP</b>	<b>\$4,168</b>	<b>\$4,250</b>	<b>\$4,779</b>	<b>\$4,998</b>	<b>\$4,086</b>	<b>\$3,651</b>	<b>\$3,287</b>
<b>ANNUAL SURPLUS(DEFICIT)</b>	<b>\$2,579</b>	<b>\$717</b>	<b>\$67</b>	<b>(\$379)</b>	<b>\$437</b>	<b>\$936</b>	<b>\$1,183</b>

**CITY OF NEWARK, DELAWARE**

**CASH FLOW**

**2008 - 2013**

(In Thousands)

	CURRENT	PROJECTED				
	2008	2009	2010	2011	2012	2013
Beginning Cash	\$19,150	\$18,820	\$19,702	\$18,850	\$18,748	\$19,384
Gross Margin from Operations	4,967	4,846	4,618	4,523	4,587	4,471
Depreciation	\$1,073	\$1,137	\$1,208	\$1,143	\$1,145	\$1,225
Current Capital Program	(2,284)	(2,855)	(3,249)	(2,508)	(2,072)	(1,715)
Capital Reserves	(1,747)	95	0	0	0	0
Equipment Replacement	(\$373)	(\$416)	(\$1,681)	(\$1,682)	(\$1,445)	(\$1,078)
Debt Service	(\$1,966)	(\$1,924)	(\$1,749)	(\$1,578)	(\$1,579)	(\$1,572)
Net Cash Change	(\$330)	\$883	(\$852)	(\$102)	\$636	\$1,330
YEAR END CASH	<u>\$18,820</u>	<u>\$19,702</u>	<u>\$18,850</u>	<u>\$18,748</u>	<u>\$19,384</u>	<u>\$20,714</u>

Note: Excludes any expenses in Self Insured Losses Fund



## Utility Revenue Projections

	AVG RATE INC/DEC	BUDGET	2009		2010		2011		2012		2013	
				% INC		% INC		% INC		% INC		% INC
Electricity Purchased	5.07%	\$36,833,740	\$38,322,983	4.04%	\$39,870,273	4.04%	\$41,480,036	4.04%	\$43,154,792	4.04%	\$44,897,167	4.04%
KWH Purchased	1.88%	434000	440510	1.50%	447118	1.50%	453824	1.50%	460632	1.50%	467541	1.50%
\$\$/KWH		0.08487	0.08700		0.08917		0.09140		0.09369		0.09603	
Personnel	5.02%	\$2,034,840.00	\$2,116,233.60	4.00%	\$2,200,882.94	4.00%	\$2,288,918.26	4.00%	\$2,380,474.99	4.00%	\$2,475,693.99	4.00%
M & S	3.13%	174,670	179,037	2.50%	183,513	2.50%	188,100	2.50%	192,803	2.50%	197,623	2.50%
Contractual	3.13%	341,110	349,638	2.50%	358,379	2.50%	367,338	2.50%	376,522	2.50%	385,935	2.50%
Other	3.13%	249,860	256,107	2.50%	262,509	2.50%	269,072	2.50%	275,799	2.50%	282,694	2.50%
Capex	-20.70%	758,700	342,000	-54.92%	380,000	11.11%	470,000	23.68%	300,000	-36.17%	300,000	0.00%
Inter-Dept. Charges	0.38%	-118,500	-118,856	0.30%	-119,212	0.30%	-119,570	0.30%	-119,928	0.30%	-120,288	0.30%
Elec Purchased		36,833,740	38,322,983		39,870,273		41,480,036		43,154,792		44,897,167	
Subtotal	4.71%	40,276,420	41,447,142	2.91%	43,136,345	4.08%	44,943,895	4.19%	46,560,462	3.60%	48,148,824	3.99%
Margin	5.10%	9,919,690	10,361,786	4.46%	10,784,086	4.08%	11,235,974	4.19%	11,640,116	3.60%	12,104,706	3.99%
Total Sales	4.79%	50,196,110	51,808,928	3.21%	53,920,431	4.08%	56,179,869	4.19%	58,200,578	3.60%	60,523,530	3.99%

Water Purchased	0.00%		\$20,000		0.00%		\$20,000		0.00%		\$20,000		0.00%		\$20,000		0.00%	
	No. of Gallons	8720	8720	0.00229	8720	0.00229	8720	0.00229	8720	0.00229	8720	0.00229	8720	0.00229	8720	0.00229	8720	0.00229
\$/Gallon	0.00229		0.00229		0.00229		0.00229		0.00229		0.00229		0.00229		0.00229		0.00229	
Personnel	5.02%	\$1,643,350.00	\$1,709,084.00	4.00%	\$1,777,447.36	4.00%	\$1,848,545.25	4.00%	\$1,922,487.06	4.00%	\$1,999,386.55	4.00%	\$2,076,307.81	4.00%	\$2,153,229.06	4.00%	\$2,230,150.31	4.00%
M & S	3.13%	307,000	314,675	2.50%	322,542	2.50%	330,409	2.50%	338,276	2.50%	346,143	2.50%	354,010	2.50%	361,877	2.50%	369,744	2.50%
Contractual	3.13%	224,450	230,061	2.50%	235,672	2.50%	241,283	2.50%	246,894	2.50%	252,505	2.50%	258,116	2.50%	263,727	2.50%	269,338	2.50%
Other	3.13%	1,449,180	1,485,410	2.50%	1,521,640	2.50%	1,557,870	2.50%	1,594,100	2.50%	1,630,330	2.50%	1,666,560	2.50%	1,702,790	2.50%	1,739,020	2.50%
Capex	11.18%	327,200	570,000	74.21%	440,000	-22.81%	217,200	-50.64%	500,000	130.20%	500,000	0.00%	500,000	0.00%	500,000	0.00%	500,000	0.00%
Inter-Dept. Charges	10.10%	391,830	423,176	8.00%	457,031	8.00%	493,593	8.00%	530,154	8.00%	565,716	8.00%	601,278	8.00%	636,899	8.00%	672,421	8.00%
Water Purchased		20000	20,000		20,000		20,000		20,000		20,000		20,000		20,000		20,000	
Subtotal	5.16%	4,363,010	4,752,406	8.92%	4,775,377	0.48%	4,712,260	-1.32%	4,649,143	-1.54%	4,586,026	-1.56%	4,522,909	-1.44%	4,459,792	-1.62%	4,396,675	-1.44%
Margin	26.81%	206,330	475,241	130.31%	477,538	0.48%	479,835	0.48%	482,132	0.48%	484,429	0.48%	486,726	0.48%	489,023	0.48%	491,320	0.48%
Total Sales	6.46%	4,569,360	5,227,647	14.41%	5,252,915	0.48%	5,192,115	-1.13%	5,131,313	-1.17%	5,070,511	-1.20%	5,009,709	-1.23%	4,948,907	-1.26%	4,888,105	-1.29%

Sewer Charge	2.52%	\$3,764,780	\$3,840,452	2.01%	\$3,917,645	2.01%	\$3,996,390	2.01%	\$4,076,717	2.01%	\$4,158,659	2.01%
No. of Gallons	1.25%	1105607	1116663	1.00%	1127830	1.00%	1139108	1.00%	1150499	1.00%	1162004	1.00%
\$/Gallon		0.00341	0.00344		0.00347		0.00351		0.00354		0.00358	
Personnel		\$0.00	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	
M & S	3.13%	20,770	21,289	2.50%	21,821	2.50%	22,367	2.50%	22,926	2.50%	23,499	2.50%
Contractual	3.13%	97,110	99,538	2.50%	102,026	2.50%	104,577	2.50%	107,191	2.50%	109,871	2.50%
Other	3.13%	300	308	2.50%	315	2.50%	323	2.50%	331	2.50%	339	2.50%
Capex	-49.19%	300,000	50,000	-83.33%	20,000	-60.00%	20,000	0.00%	20,000	0.00%	20,000	0.00%
Inter-Dept. Charges	10.10%	212,260	229,241	8.00%	247,580	8.00%	267,386	8.00%	288,777	8.00%	311,880	8.00%
Water Purchased		3764780	3,840,452		3,917,645		3,996,390		4,076,717		4,158,659	
Subtotal	1.28%	4,395,220	4,240,827	-3.51%	4,309,388	1.62%	4,411,043	2.36%	4,515,943	2.38%	4,624,249	2.40%
Margin	5.14%	945,920	1,060,207	12.08%	1,077,347	1.62%	1,102,761	2.36%	1,128,986	2.38%	1,156,062	2.40%
Total Sales	2.00%	5,341,140	5,301,034	-0.75%	5,386,735	1.62%	5,513,804	2.36%	5,644,929	2.38%	5,780,311	2.40%
ACTUAL UTILITY MARGIN		\$11,071,960	\$11,897,233		\$12,338,971		\$12,809,961		\$13,285,283		\$13,794,370	

SCHEDULE I

**CITY OF NEWARK, DELAWARE**  
**UTILITY REVENUES**  
**2003 - 2013**

	ACTUAL			2006	2007	APPROVED BUDGET 2008	10 YR AVG	PROJECTED					
	2003	2004	2005					2009	2010	2011	2012	2013	
ELECTRIC UTILITY													
Electric Sales	\$31,151,524	\$31,587,979	\$34,589,586	\$45,642,363	\$49,170,642	\$50,196,110	9.64%	\$51,808,928	\$53,920,431	\$56,179,869	\$58,200,578	\$60,523,530	
No. of K.W.H.'s	379,843,967	389,425,798	401,364,652	389,164,191	401,090,439	\$398,195,000		409,678,000	421,508,000	433,698,000	446,258,000	459,201,000	
Electricity Purchased	\$22,701,780	\$21,267,060	\$33,023,557	\$36,967,174	\$37,087,240	\$36,835,740		\$38,323,000	\$39,870,000	\$41,480,000	\$43,155,000	\$44,897,000	
No. of K.W.H.'s(1,000's)	419,914,789	424,831,399	436,528,129	425,068,624	437,712,070	434,000,000		440,510,000	447,118,000	453,825,000	460,632,000	467,541,000	
Gross Electric Margin	\$8,449,744	\$10,320,919	\$1,566,029	\$8,675,189	\$12,083,402	\$13,360,370	6.18%	\$13,485,928	\$14,050,431	\$14,699,869	\$15,045,578	\$15,626,530	
WATER UTILITY													
Water Sales	\$4,593,805	\$4,410,878	\$4,603,170	\$4,456,698	\$4,688,882	\$4,569,360	5.41%	\$5,228,000	\$5,253,000	\$5,183,000	\$5,678,000	\$5,870,000	
No. of Gallons (1,000's):													
In Town	920,695	886,725	935,495	867,804	907,255	919,384		929,000	938,000	947,000	956,000	966,000	
Out of Town	252,483	242,755	256,107	237,576	244,756	248,028		251,000	254,000	257,000	260,000	263,000	
Water Purchased	\$1,002,775	\$551,179	\$378,497	\$608,316	207,356	\$20,000		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	
No. of Gallons (1,000's)	562,072	304,044	330,570	318,355	111,429	8,720		\$9,000	9,000	9,000	9,000	9,000	
Gross Water Margin	\$3,591,030	\$3,859,699	\$4,024,673	\$3,848,382	\$4,481,526	\$4,549,360	8.79%	\$5,208,000	\$5,233,000	\$5,163,000	\$5,658,000	\$5,850,000	
SEWER UTILITY													
Sewer Service Charges	\$4,187,238	\$4,165,994	\$3,268,177	\$5,233,180	\$5,009,670	\$5,341,140	2.98%	\$5,301,000	\$5,387,000	\$5,514,000	\$5,645,000	\$5,780,000	
No. of Gallons(1,000's)	1,051,719	1,132,686	1,109,095	1,148,817	1,109,095	1,120,554		1,132,000	1,143,000	1,154,000	1,166,000	1,178,000	
Charges from N.C.C.	\$2,879,507	\$2,879,507	\$3,065,526	\$3,680,643	\$3,893,969	\$3,764,780	2.66%	\$3,840,000	\$3,917,000	\$3,995,000	\$4,075,000	\$4,157,000	
No. of Gallons(1,000's)	1,252,327	1,252,327	1,069,480	1,155,273	1,047,735	1,105,607		1,117,000	1,128,000	1,139,000	1,150,000	1,162,000	
Gross Sewer Margin	\$1,307,731	\$1,286,487	\$202,651	\$1,552,537	\$1,115,701	\$1,576,360	3.77%	\$1,461,000	\$1,470,000	\$1,519,000	\$1,570,000	\$1,623,000	
Utility Service Fees and Penalties	\$170,836	\$180,701	\$179,682	\$179,551	\$237,048	\$233,600	5.33%	\$240,000	\$247,000	\$254,000	\$261,000	\$268,000	
TOTAL UTILITY MARGIN	\$13,519,341	\$15,647,806	\$5,973,035	\$14,255,659	\$17,917,676	\$19,719,690	6.49%	\$20,394,928	\$21,000,431	\$21,635,869	\$22,534,578	\$23,367,530	

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**ELECTRIC FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
New Lines & Services	\$125,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
E0901 Protective Relay Replacements	0	20,000	20,000	0	0	0	0	20,000
E0902 12KV Changeover	0	70,000	70,000	0	0	0	0	70,000
E0903 Electric Meter Replacement	0	70,000	70,000	0	0	0	0	70,000
E0904 34.5KV Recloser Installation	0	0	0	125,000	0	0	0	125,000
E0905 Notingham Green Distribution Upgrades	0	70,000	70,000	70,000	70,000	0	0	210,000
E0906 New 34.5 KV Circuit (E0702)	165,600	0	0	0	0	0	0	0
E0802 Backyard Bucket Truck	110,000	0	0	0	0	0	0	0
E0803 New Bucket Truck	0	187,000	187,000	0	0	0	0	187,000
E0602 New Substation Transformer & Lines	277,000	0	0	0	0	0	0	0
E0603 Battery Operated Tools	0	0	0	20,000	0	0	0	20,000
E0503 Scada & Automatic Switching	30,000	30,000	30,000	30,000	30,000	280,000	370,000	740,000
E0005 Reinforce Underground Feeders	68,000	0	0	0	0	0	0	0
E8510 Transformer Maintenance (B.F.#6)	0	147,800	147,800	0	0	0	0	147,800
E9103 138 KV Substation Unit - Kershaw	1,025,000	0	0	0	0	0	0	0
EEQSF Equipment Replacement Program	0	22,600	22,600	42,000	223,700	237,500	442,500	968,300
Total Electric	\$1,800,600	\$767,400	\$767,400	\$437,000	\$473,700	\$667,500	\$962,500	\$3,308,100
CURRENT RESOURCES								
CAPITAL RESERVES	\$758,700	\$577,000	\$577,000	\$395,000	\$250,000	\$430,000	\$520,000	\$2,172,000
EQUIPMENT REPLACEMENT	1,041,900	20,000	20,000	0	0	0	0	20,000
BOND ISSUES	0	22,600	22,600	42,000	223,700	237,500	442,500	968,300
GRANTS	0	147,800	147,800	0	0	0	0	147,800
OTHER FINANCING SOURCES	0	0	0	0	0	0	0	0
	\$1,800,600	\$767,400	\$767,400	\$437,000	\$473,700	\$667,500	\$962,500	\$3,308,100

## **ELECTRIC**

The Electric Department is responsible for the engineering, planning and design and direction of all electric departmental operations including staff supervision, purchasing, records management, operations planning, budget preparation and control, and capital improvement planning. Responsibilities include planning, designing and supervising the construction of the electrical distribution system which consists of power lines, substations, lighting systems and traffic signals. Plans review, drawings and engineering analysis for construction work is provided under this program. The Department also handles the meter relay and electrical maintenance program, including installing and maintaining electrical systems in city buildings, water wells, water and waste water pumping stations, traffic lights and control systems, meters and other facilities. The Department's electrical line construction and maintenance program is responsible for maintaining 101 miles of electric lines, substation sites, substation units, circuit breakers, and transformers. In addition to maintaining the City's electrical distribution system, new power lines, substations and underground electric utilities are constructed and installed to expand services to new customers. Additional responsibilities include maintaining and installing street lights and traffic signals, trimming trees along electric rights-of-way, and providing distribution and subtransmission switching and sectionalizing.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC	DIVISION:
PROJECT NO: E0901	PROJECT TITLE: NEW LINES AND SERVICES

PROJECT LOCATION: VARIOUS LOCATIONS IN CITY LIMITS

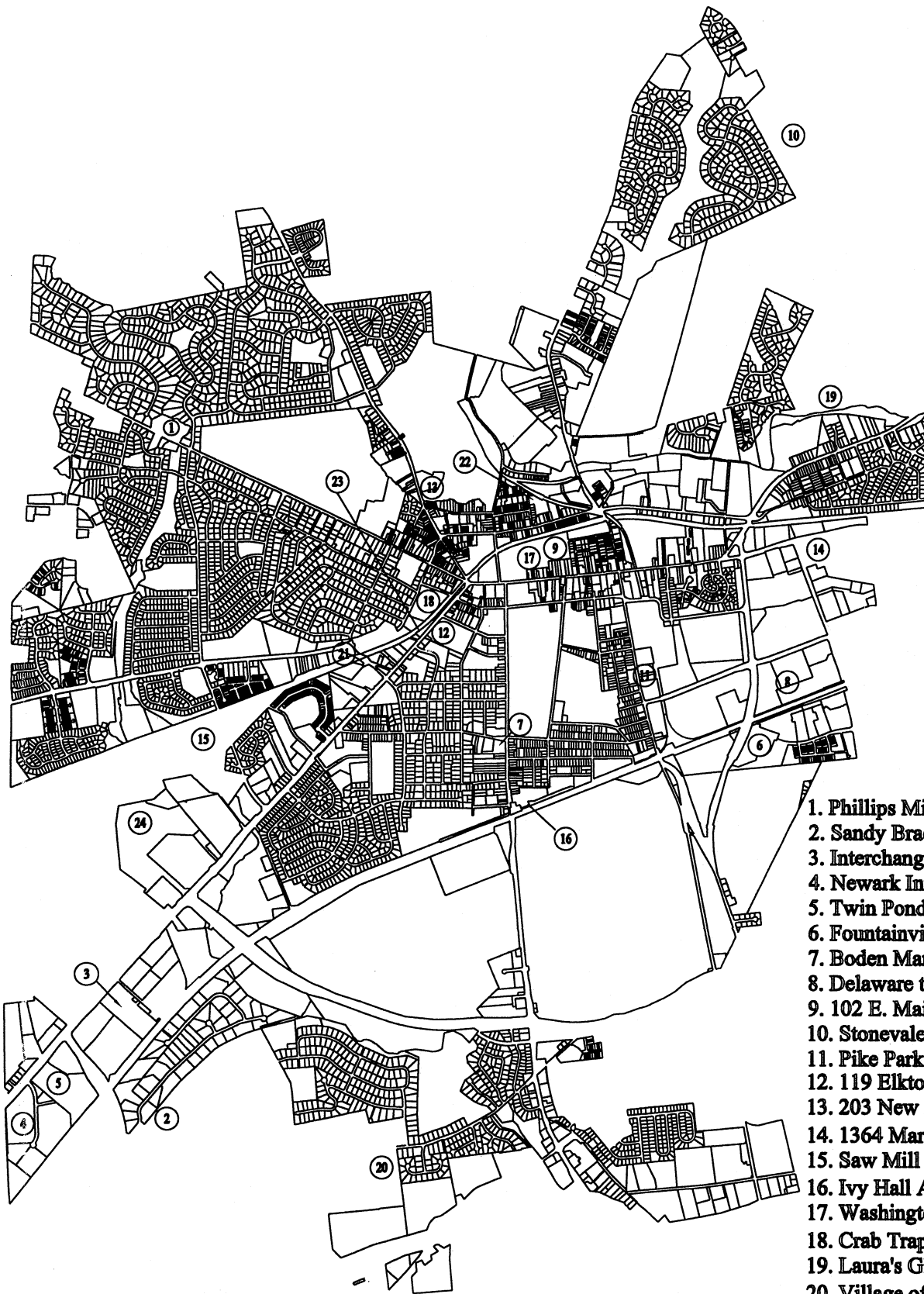
PROJECT STATUS:          NEW:                      IN PRIOR PROGRAM: X                                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

INSTALLATION OF ELECTRIC DISTRIBUTION LINES IN NEW DEVELOPMENTS. THIS INCLUDES BOTH OVERHEAD AND UNDERGROUND PRIMARY AND SECONDARY SERVICE LINES. THIS PROJECT IS REQUIRED BASED ON THE OBLIGATION TO SERVE NEW CUSTOMERS OF THE CITY.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION				AMOUNT
Est. Completion Date	CONT.	Labor				375,000
Est. Useful Life	30 YRS.	Materials				375,000
Est. Total Cost	\$750,000	Other Contracts				
First Year in Program	CONT.	Total Project Cost				750,000
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	150,000	150,000	150,000	150,000	150,000	750,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	150,000	150,000	150,000	150,000	150,000	750,000

E0901



1. Phillips Mill
2. Sandy Brae Industrial Park Phase II
3. Interchange Industrial Park Phase III
4. Newark Interstate Industrial Park
5. Twin Ponds
6. Fountainview Homes
7. Boden Manor
8. Delaware technology Park
9. 102 E. Main St.
10. Stonevale
11. Pike Park
12. 119 Elkton Rd.
13. 203 New London Rd.
14. 1364 Marrows Rd.
15. Saw Mill Place
16. Ivy Hall Apartments
17. Washington House
18. Crab Trap
19. Laura's Glen
20. Village of Chestnut Hill
21. Sutton Place
22. Cider Mill
23. Millyard
24. Home Depot

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC

DIVISION:

PROJECT NO: E0902

PROJECT TITLE: PROTECTIVE RELAY REPLACEMENTS

PROJECT LOCATION: VARIOUS LOCATIONS IN CITY LIMITS

PROJECT STATUS: NEW: X

IN PRIOR PROGRAM:

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

IN ORDER TO IMPROVE RELIABILITY, PROTECTIVE RELAYS ON TRANSFORMERS 64 AND 66 AT SANDY BRAE SUBSTATION AND WYOMING ROAD SUBSTATION WILL BE REPLACED. THE NEW EQUIPMENT WILL BE MICROPROCESSOR BASED ALLOWING REMOTE COMMUNICATIONS AND FUTURE CONNECTIONS TO OUR SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM. CIRCUIT LOADS AND POWER FACTORS CAN BE MONITORED CONTINUOUSLY, OPERATION HISTORY IS LOGGED, AND FAULT LOCATIONS ARE CALCULATED ALLOWING QUICKER POWER RESTORATION. THE SCADA SYSTEM WILL BE USED TO REMOTELY MONITOR AND CONTROL TRANSFORMERS AND CIRCUIT BREAKERS AT ALL SUBSTATIONS. REAL TIME INFORMATION WILL BE DISPLAYED ON A COMPUTER SCREEN IN THE CITY ELECTRIC DEPARTMENT AREA AT THE MUNICIPAL BUILDING.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION	AMOUNT			
Est. Completion Date	6/09	Labor	3,000			
Est. Useful Life	30 YRS.	Materials	17,000			
Est. Total Cost	\$20,000	Other Contracts				
First Year in Program	3/08	Total Project Cost	20,000			
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:	
PROJECT NO: E0903	PROJECT TITLE: 12KV CHANGEOVER		
PROJECT LOCATION: EAST MAIN STREET, CENTER STREET AND PARKING LOTS			
PROJECT STATUS:	NEW: X	IN PRIOR PROGRAM:	IN PROGRESS:
DESCRIPTION & JUSTIFICATION:			
<p>UPGRADE THE FOLLOWING LOCATIONS TO 12.47KV FROM 4.16KV: CENTER STREET, NEW STREET, CHOATE STREET, AND PARKING LOTS 3 AND 4. IT IS NECESSARY TO REMOVE SOME LOAD FROM TRANSFORMER 15 AT THE EAST MAIN STREET SUBSTATION TO ALLOW FOR BACKUP CAPACITY DURING EMERGENCIES OR FOR MAINTENANCE PURPOSES. BY UPGRADING TO 12KV, THE FUTURE PURCHASE OF 4.16KV POWER TRANSFORMERS CAN BE AVOIDED. THIS WILL ALSO SERVE NEW DOWNTOWN PROJECTS.</p>			

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2009	Labor		30,000		
Est. Useful Life	40 YRS.	Materials		40,000		
Est. Total Cost	\$70,000	Other Contracts				
First Year in Program	2009	Total Project Cost		70,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	70,000					70,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	70,000	-	-	-	-	70,000



**E0903  
NEW 12KV  
CHANGE OVER**

The map illustrates a proposed 12KV power line changeover project. The route is marked by a thick black line with circles at key locations. The streets shown include NEW STREET, CHATEAU STREET, LINDEN STREET, CENTER STREET, and MAIN STREET. Specific locations and lots are labeled, such as 'EMPTY LOT', 'PARKING AUTHORITY', 'POST OFFICE', 'HAPPY HARRY'S', and 'WILM TRUST'. The map also shows existing infrastructure like '90 E. MAIN' and 'WILM TRUST'.

NEW 12KV

CHANGE OVER

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC	DIVISION:
PROJECT NO: E0904	PROJECT TITLE: ELECTRIC METER REPLACEMENT

PROJECT LOCATION: VARIOUS
PROJECT STATUS: NEW: X IN PRIOR PROGRAM: IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

REPLACE APPROXIMATELY 1,000 ELECTRIC METERS ORIGINALLY INSTALLED BEFORE 1970 WITH NEW RADIO READ TYPE METERS. THIS WILL ALLOW FOR QUICKER AND MORE ACCURATE READS AND ALSO INCREASE REVENUE AS ELECTRO MECHANICAL METERS CAN SLOW AS THEY AGE.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	10,000
Est. Useful Life	30 YRS.	Materials	60,000
Est. Total Cost	\$70,000	Other Contracts	
First Year in Program	2009	Total Project Cost	70,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	70,000					70,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	70,000	-	-	-	-	70,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC	DIVISION:
PROJECT NO: E0905	PROJECT TITLE: 34.5KV RECLOSER INSTALLATION

PROJECT LOCATION: VARIOUS

PROJECT STATUS: NEW: X IN PRIOR PROGRAM: IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

IN ORDER TO IMPROVE RELIABILITY ON THE 34.5KV SUBTRANSMISSION SYSTEM IT IS PROPOSED TO INSTALL FOUR RECLOSERS WHICH WILL DISCONNECT FAULTED SECTIONS OF A LINE AT A TEE DURING AN OUTAGE AND KEEP ADDITIONAL CUSTOMERS NOT CONNECTED TO THE TEE ONLINE. THE SYSTEM WILL HAVE REMOTE COMMUNICATION CAPABILITY WITH OUR PROPOSED SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	8,000
Est. Useful Life	30 YRS.	Materials	100,000
Est. Total Cost	\$125,000	Other Contracts	17,000
First Year in Program	2009	Total Project Cost	125,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		125,000				125,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	125,000	-	-	-	125,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC	DIVISION:
PROJECT NO: E0906	PROJECT TITLE: NOTTINGHAM GREEN DISTRIBUTION UPGRADES

PROJECT LOCATION: NOTTINGHAM GREEN

PROJECT STATUS: NEW: X IN PRIOR PROGRAM: IN PROGRESS:

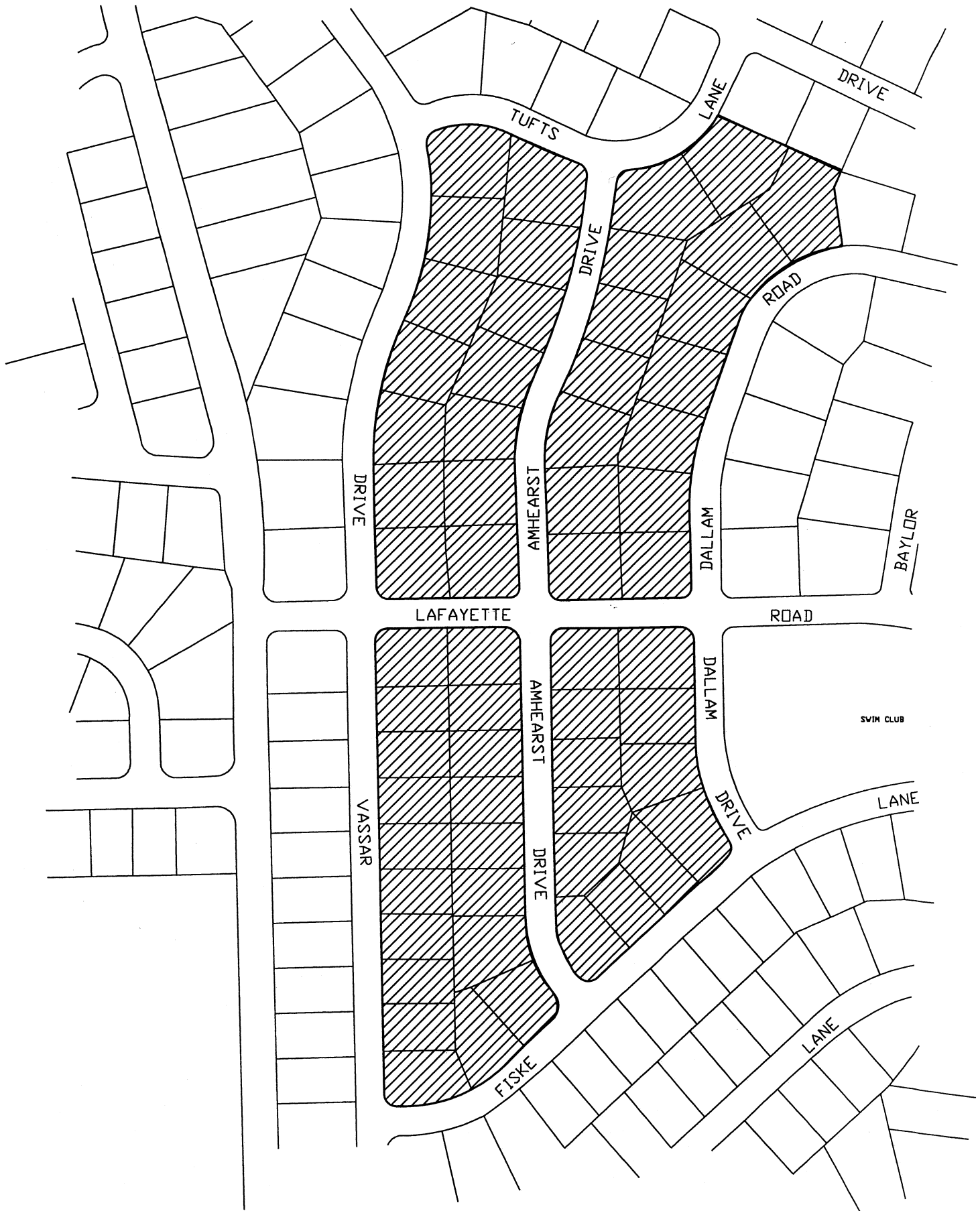
DESCRIPTION & JUSTIFICATION:

IN ORDER TO IMPROVE RELIABILITY IN PARTS OF NOTTINGHAM GREEN, IT IS PROPOSED TO UPGRADE THE ELECTRICAL DISTRIBUTION SYSTEM WITH THREE SHORT UNDERGROUND EXTENSIONS TO ALLOW FOR BETTER FUSING ELSEWHERE IN THE DEVELOPMENT AND TO UPGRADE THE VOLTAGE FROM 4160 VOLTS TO 12470 VOLTS. THIS WILL MEAN LESS POWER OUTAGES.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	60,000
Est. Useful Life	30 YRS.	Materials	105,000
Est. Total Cost	\$210,000	Other Contracts	45,000
First Year in Program	2009	Total Project Cost	210,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	70,000	70,000	70,000			210,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	70,000	70,000	70,000	-	-	210,000

E0906  
NOTTINGHAM GREEN  
DISTRIBUTION UPGRADE



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E0703	PROJECT TITLE: NEW BUCKET TRUCK	

PROJECT LOCATION: VARIOUS			
PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

IN 2004 BUCKET TRUCK 124 WAS RETAINED AND THE BOOM WAS REFURBISHED. IN 2009 THE USEFUL LIFE OF THE BOOM WILL EXPIRE AND FUNDING IS REQUIRED TO REPLACE THE TRUCK.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	10 YRS.	Materials	187,000
Est. Total Cost	\$187,000	Other Contracts	
First Year in Program	2007	Total Project Cost	187,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	187,000					187,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	187,000	-	-	-	-	187,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC	DIVISION:
PROJECT NO: E0603	PROJECT TITLE: BATTERY OPERATED TOOLS

PROJECT LOCATION: VARIOUS

PROJECT STATUS:          NEW:                      IN PRIOR PROGRAM: X                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

PURCHASE BATTERY OPERATED CRIMP TOOLS TO INSTALL PRIMARY AND SECONDARY CRIMP CONNECTIONS. THESE TOOLS WILL ENSURE THE CONNECTORS ARE INSTALLED PROPERTY, INCREASE PRODUCTIVITY AND HELP PREVENT SHOULDER INJURIES TO LINEMEN.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	4/10	Labor	
Est. Useful Life	15 YRS.	Materials	20,000
Est. Total Cost	\$20,000	Other Contracts	
First Year in Program	2006	Total Project Cost	

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES		20,000				20,000
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	20,000	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:	
PROJECT NO: E0503	PROJECT TITLE: SCADA AND AUTOMATIC SWITCHING		
PROJECT LOCATION: VARIOUS			
PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
DESCRIPTION & JUSTIFICATION:			
<p>INSTALLATION OF A SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM AT ALL SUBSTATION SITES AND AUTOMATIC SWITCHING EQUIPMENT ON THE 34.5KV SUBTRANSMISSION SYSTEM TO REDUCE OUTAGE TIMES. THIS EQUIPMENT WILL ALLOW AUTOMATIC RECONFIGURATION OF 34.5KV CIRCUITS AFTER A FAULT AND ALLOW THE SUBSTATION TRANSFORMERS FED BY THE CIRCUIT TO CONTINUE TO SUPPLY CUSTOMERS. THE COMPUTERIZED SWITCHES WILL SWITCH THE SUBSTATION TO ANOTHER CIRCUIT AND ISOLATE THE CIRCUIT WITH THE FAULT. POWER WILL BE RESTORED WITHIN A MINUTE TO CUSTOMERS. THE SCADA SYSTEM WILL BE USED TO REMOTELY MONITOR AND CONTROL TRANSFORMERS AND CIRCUIT BREAKERS AT ALL SUBSTATIONS. REAL TIME INFORMATION WILL BE DISPLAYED ON A COMPUTER SCREEN IN THE CITY ELECTRIC DEPARTMENT AREA AT THE MUNICIPAL BUILDING.</p>			

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION				AMOUNT
Est. Completion Date	2013	Labor				35,000
Est. Useful Life	20 YRS.	Materials				425,000
Est. Total Cost	\$740,000	Other Contracts				280,000
First Year in Program	2005	Total Project Cost				740,000
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	30,000	30,000	30,000	280,000	370,000	740,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	30,000	30,000	30,000	280,000	370,000	740,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC	DIVISION:
PROJECT NO: E8510	PROJECT TITLE: TRANSFORMER MAINTENANCE

PROJECT LOCATION: VARIOUS

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

ONGOING TESTING AND DISPOSAL OF PCB CONTAMINATED POLE MOUNTED TRANSFORMERS TO COMPLY WITH EPA REGULATIONS.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	CONT.	Labor	47,800
Est. Useful Life		Materials	80,000
Est. Total Cost	\$147,800	Other Contracts	20,000
First Year in Program	1985	Total Project Cost	147,800

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES	147,800					147,800
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	147,800	-	-	-	-	147,800

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC	DIVISION:
PROJECT NO: EEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM

PROJECT LOCATION: VARIOUS

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

PLANNED ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	ONGOING	Labor	
Est. Useful Life	VARIOUS	Materials	
Est. Total Cost	968,300	Other Contracts	968,300
First Year in Program	ONGOING	Total Project Cost	968,300

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT	22,600	42,000	223,700	237,500	442,500	968,300
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	22,600	42,000	223,700	237,500	442,500	968,300

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013**  
**ELECTRIC UTILITY**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS			
								2009	2010	2011	2012
125	STAFF CARS										
103	1998 Ford Taurus	03/27/98	14,150	39,000	80,000	10	2010		21,000		
119	2001 Jeep Cherokee	02/09/01	18,814	65,500	75,000	9	2011			22,700	
	2000 Chrysler Cirrus	04/07/00	12,240	32,600	50,000	10	2010		21,000		
101	LINE TRUCKS										
104	2005 Int'l 4300 Aerial Lift Truck	10/01/04	115,499	22,900	75,000	10	2014				
105	2004 Int'l 7400 Digger/Derrick	11/07/03	148,932	18,900	75,000	10	2013				198,000
122	2006 International 7400 Pole Truck	09/01/06	166,920	3,500	40,000	11	2017				
124	2004 Int'l Aerial Lift Truck	09/12/03	123,982	23,500	75,000	10	2013				211,000
126	1993 GMC Aerial Lift Truck	09/16/93	93,462	91,700	100,000	-	N/A				
130	1998 Ford F-250 Pickup	03/20/98	18,812	90,000	100,000	10	2009	22,600			
147	2002 Intern'l 4700 Bucket Truck	11/09/01	98,712	31,700	75,000	10	2011			201,000	
	2002 Intern'l 4700 Bucket Truck	08/30/02	98,712	36,500	75,000	10	2012				206,000
100	1986 GMC-Underground Service	07/03/86	39,784	92,000	110,000	15	N/A				
109	Trencher						2015				
129	PICK-UPS & VANS										
132	1996 Dodge Ram 2500 Pickup	07/19/96	14,421	106,400	--	N/A	N/A				
145	1999 Dodge Ram F35	07/16/99	24,989	40,700	85,000	10	2012				31,500
	2002 Dodge Ram Pickup	05/31/02	21,337	29,000	65,000	10	2013				33,500
TOTAL ELECTRIC UTILITY								\$22,600	\$42,000	\$223,700	\$237,500
											\$442,500

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**WATER FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
W0901 Variable Freq Dr High Spd Pump#1 Curtis	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$25,000
W0902 Leak Correlator Equipment	0	20,000	20,000	0	0	0	0	20,000
W0903 Connect Existing Svcs to New Water Main	0	125,000	125,000	50,000	0	0	0	175,000
W0801 Water Lateral Replacement	10,000	0	0	0	0	0	0	0
W0802 Purchase Vacuum Excavation Equipment	0	0	0	0	0	0	0	0
W0803 New Crossing - White Clay Creek	0	0	0	41,000	0	0	0	41,000
W0804 Replace High Service Pump#2 Curtis	0	0	0	120,000	0	0	0	120,000
W0805 Curtis Plant Filter Upgrades Units 1, 2, 3	0	28,000	28,000	0	0	0	0	28,000
W0806 Rehabilitate Highfield Booster Station	125,000	0	0	225,000	0	0	0	225,000
W0807 Arbour Park Booster Station Improvements	0	0	0	0	0	40,000	0	40,000
W0808 Replace Northwest Booster Station	0	0	0	0	75,000	0	0	75,000
W0503 Well Restoration	25,000	225,000	225,000	0	0	0	0	225,000
W0402 Fire Hydrant Replacements	25,000	25,000	25,000	0	0	27,000	27,500	79,500
W0403 Curtis Water Tank Mixing Retrofit	10,000	10,250	10,250	10,500	10,750	11,000	11,300	53,800
W0002 Alternative Disinfection Equipment	0	0	0	90,000	0	0	0	90,000
W0004 Water Storage Facility	0	15,000	15,000	0	150,000	0	0	165,000
W9410 Water Plant Lagoon Dredging	0	0	0	0	0	0	0	0
W9302 Supervisory Control & Data Sys (SCADA)	0	0	0	160,000	0	0	0	160,000
W9304 Water Treatment Plant Expansion	100,000	0	0	0	0	125,000	0	125,000
W8605 Water Main Renovation Program	60,000	200,000	200,000	70,000	100,000	100,000	100,000	570,000
WEQSF Water Tank Maintenance	300,000	0	0	0	0	280,000	250,000	530,000
Equipment Replacement Program	16,600	22,600	22,600	105,100	167,800	250,000	48,000	593,500
Total Water	\$671,600	\$670,850	\$670,850	\$896,600	\$503,550	\$833,000	\$436,800	\$3,340,800
CURRENT RESOURCES								
CAPITAL RESERVES	\$655,000	\$478,250	\$478,250	\$791,500	\$335,750	\$583,000	\$388,800	\$2,577,300
EQUIPMENT REPLACEMENT	0	0	0	0	0	0	0	0
BOND ISSUES	16,600	22,600	22,600	105,100	167,800	250,000	48,000	593,500
GRANTS	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES	0	170,000	170,000	0	0	0	0	170,000
	0	0	0	0	0	0	0	0
	\$671,600	\$670,850	\$670,850	\$896,600	\$503,550	\$833,000	\$436,800	\$3,340,800

## **WATER AND WASTE WATER**

The Water and Waste Water Department is responsible for the overall management and supervision of water and waste water operations. Functional areas of responsibility include the engineering and design of water and waste water facilities, supervising and inspecting construction projects, and planning capital improvements. The program prepares reports and recommendations to the City Manager and City Council on facilities improvements and maintains an active liaison with engineering consultants. In addition to overseeing operations, the program manages and updates departmental records, computer programs and water and waste water base maps. This Department also supervises the operation and maintenance of all equipment and facilities at the eleven water supply wells, the Curtis surface water treatment plant, the south wellfield water treatment plant, six booster pumping stations and two sewer pumping stations. The City's water distribution system provides water services to 34,600 customers including 28,547 Newark residents. Over 1.3 billion gallons of water is pumped through 162 miles of pipe annually to serve 8,266 water service connections. The Department's meters and hydrants program has two functional areas of responsibility. First, meters are kept operational to accurately record water consumption for billing purposes. Second, hydrants are maintained to serve as an emergency water source in the event of fires. A total of 9,517 commercial, residential and industrial water meters are maintained, repaired and tested under this program. Over 2.2 billion gallons of sewage is transported annually through the City's 93 miles of sewer distribution lines. With the help of two primary pumping stations at Cooches Bridge and Silverbrook, sewage which originates from the City flows through the New Castle County system and is delivered to the Wilmington Regional Waste Water Treatment facility. The Department's waste water program is responsible for maintaining the sanitary sewer system and distribution lines.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W0901	PROJECT TITLE: VARIABLE FREQUENCY DRIVE HIGH SPEED PUMP #1 AT CURTIS PLANT

PROJECT LOCATION:

PROJECT STATUS:      NEW: x      IN PRIOR PROGRAM:      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 This project will provide a variable frequency drive so that we can better match our pumping rate to the production capacity of the treatment plant. Each high service pump is/will be capable of pumping 3100 gpm. The plant will be capable of producing a total of 3500 gpm. To operate the plant at 3500 gpm would require us to run both 3100 gpm pumps. Unfortunately this would cause the pumps to cycle off and on too quickly. The use of the variable frequency drive will allow us to operate one pump at 1/2 capacity. This will give us a pump run time of greater than 1 hour. With the variable frequency drive we will also be able to match the high speed pump to the production capacity when we have fewer than five units in operation.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	20 yrs	Materials	
Est. Total Cost	\$25,000	Other Contracts	25,000
First Year in Program	2009	Total Project Cost	25,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		25,000				25,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	25,000	-	-	-	25,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W0902	PROJECT TITLE: LEAK CORRELATOR EQUIPMENT

PROJECT LOCATION:			
PROJECT STATUS:	NEW: X	IN PRIOR PROGRAM:	IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 We currently use listening equipment to try and locate the source of leaks. We are sometimes successful and other times we are not. When the missed location involves road repairs we can quickly incur an additional cost in excess of \$10,000 for road repairs. This new equipment uses sophisticated listening equipment and computer algorithms to locate the leak with much more certainty than our current equipment is capable of doing. The avoided cost of road repairs and time saved searching for the leak will quickly pay for this device. We had two repairs to roadways last year that required multiple excavations to locate the leak.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	10 yrs	Materials	
Est. Total Cost	\$20,000	Other Contracts	20,000
First Year in Program	2009	Total Project Cost	20,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTEWATER		DIVISION: WATER	
PROJECT NO: W0903	PROJECT TITLE: CONNECT EXISTING SERVICES TO NEW WATER MAIN		

PROJECT LOCATION: BROOKHILL DRIVE AND SOUTH CHAPEL STREET

PROJECT STATUS:            NEW: X            IN PRIOR PROGRAM:            IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

Well #16 was installed in 1969. At the time businesses developed along Brookhill Drive they were connected to the line associated with Well #16. This was not an issue until the "recent" problem with iron contamination. We now find that we have all of our connections on Brookhill Drive and several on South Chapel Street that are connected to the well water piping.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2010	Labor				
Est. Useful Life	80 yrs	Materials				
Est. Total Cost	\$175,000	Other Contracts		175,000		
First Year in Program	2009	Total Project Cost		175,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	125,000	50,000				175,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	125,000	50,000	-	-	-	175,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER

DIVISION: WATER

PROJECT NO: W0802

PROJECT TITLE: PURCHASE VACUUM EXCAVATION EQUIPMENT

PROJECT LOCATION:

PROJECT STATUS:

NEW:

IN PRIOR PROGRAM: X

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

The proposed equipment is a trailer mounted vacuum excavation unit. It is useful to clean out valve boxes, reset curb stops, "hand digging" to locate other utilities that cross our lines, and exposing corporation stops in the street to limit the amount of asphalt restoration. In addition it can be used to remove soil from tight excavations where larger holes would be necessary if using a backhoe. Public Works will also be able to use this to clean catch basins, set sign posts. Electric Department can use it to find or install direct bury street light wires or find pedestals. If we are not able to acquire this equipment we will defer activities until rental equipment can be arranged or complete the project with existing equipment.

### SUMMARY OF PROJECT DATA

Est. Completion Date	2010
Est. Useful Life	10 yrs
Est. Total Cost	\$41,000
First Year in Program	2008

### ESTIMATED PROJECT COST

CLASSIFICATION	AMOUNT
Labor	
Materials	
Other Contracts	41,000
Total Project Cost	41,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		41,000				41,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	41,000	-	-	-	41,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER      DIVISION: WATER

PROJECT NO: W0803      PROJECT TITLE: NEW CROSSING OF THE WHITE CLAY CREEK

PROJECT LOCATION:

PROJECT STATUS:      NEW:      IN PRIOR PROGRAM: X      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

There is one line that crosses the White Clay Creek to move water from the Curtis Treatment Plant to the City South of the White Clay Creek. Damage to the existing line would have a catastrophic effect on our ability to provide water to City customers. Water lines have been laid to the edge of the Creek. The installation of this new line would provide redundancy and better ensure our ability to move water across the Creek. A 16" line would be installed in a casing pipe. 250 feet of 20" boring @ 400/ft = \$100,000 Engineering \$10,000 Contingency \$10,000

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	80 yrs	Materials	
Est. Total Cost	\$120,000	Other Contracts	120,000
First Year in Program	2000	Total Project Cost	120,000

**PLANNED FINANCING OF PROJECT**

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		120,000				120,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	120,000	-	-	-	120,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W0804	PROJECT TITLE: REPLACE HIGH SERVICE PUMP #2 AT THE CURTIS PLANT

PROJECT LOCATION:

PROJECT STATUS:      NEW:      IN PRIOR PROGRAM: X      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 When the high service pumps were installed they were sized for three treatment units at 2100 gpm. With the addition of two additional treatment units the pump capacity needs to be increased to 3100 gpm. If we do not replace this pump we will not be able to use all five treatment units if one of the pumps should fail. (Note: The pumps should actually be sized at 3500 gpm, however that would require significant electrical upgrades and additional expense that is not warranted at this time). High service pump #1 has already been replaced with a unit capable of pumping 3100 gpm. If this work is not accomplished we risk losing the ability to produce a full 5 mgd if one of the pumps should fail.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	20 yrs	Materials	
Est. Total Cost	\$28,000	Other Contracts	28,000
First Year in Program	2008	Total Project Cost	28,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	28,000					28,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	28,000	-	-	-	-	28,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W0805	PROJECT TITLE: CURTIS PLANT FILTER UPGRADES UNIT 1,2,3

PROJECT LOCATION: CURTIS TREATMENT PLANT

PROJECT STATUS:           NEW:                   IN PRIOR PROGRAM: X                                   IN PROGRESS:

### DESCRIPTION & JUSTIFICATION:

The three original treatment units have been in service without meaningful upgrade since the plant was built. Through age and equipment failure various automated features of the equipment have been rendered inoperable requiring that we operate several features manually. This project will include repainting and retrofitting of the treatment units to current standards. All of the units were integrated into the new control panel using the money allocated to retrofit unit #1. The work required to repaint the units and replace the valve motor operation will be accomplished in 2010.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	20yrs	Materials	
Est. Total Cost	\$225,000	Other Contracts	225,000
First Year in Program	2008	Total Project Cost	225,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		225,000				225,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	225,000	-	-	-	225,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER		DIVISION: WATER	
PROJECT NO: W0806	PROJECT TITLE: REHABILITATE HIGHFIELD BOOSTER STATION		
PROJECT LOCATION: HIGHFIELD DRIVE			
PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
DESCRIPTION & JUSTIFICATION: The Highfield Booster Station serves Highfield Drive. There is a single pump that provides inadequate fire flow through the two hydrants located on Highfield Drive. This project will provide backup pumping capabilities and minimally acceptable fire flow to this area.			

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION				AMOUNT
Est. Completion Date	2012	Labor				
Est. Useful Life	20 yrs	Materials				
Est. Total Cost	\$40,000	Other Contracts				40,000
First Year in Program	2008	Total Project Cost				40,000
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES				40,000		40,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	-	-	40,000	-	40,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER      DIVISION: WATER

PROJECT NO: W0807      PROJECT TITLE: ARBOUR PARK BOOSTER STATION IMPROVEMENTS

PROJECT LOCATION: ARBOUR PARK

PROJECT STATUS:      NEW:      IN PRIOR PROGRAM: X      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 The Booster Station at Arbour Park is able to pressurize the system and provide adequate domestic water pressure. Fire hydrants fed by the Pump Station provide less than 500 gpm which is not acceptable for fire protection. This project will update the Pump Station and improve the fire flow to an acceptable level.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	
Est. Useful Life	20 yrs	Materials	
Est. Total Cost	\$75,000	Other Contracts	75,000
First Year in Program	2008	Total Project Cost	75,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			75,000			75,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	-	75,000	-	-	75,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W0808	PROJECT TITLE: REPLACE NORTHWEST BOOSTER STATION

PROJECT LOCATION: DELREM AT WINDSOR
PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
The electrical equipment at this facility is aged and difficult to maintain. The pumps are also subject to flooding. During floods we are unable to serve about 15% of our customers as we remove the pumps to keep them from getting damaged. This project would locate the Pump Station above the flood level and include a generator to provide uninterrupted service in the event of power outage. If Hazard Mitigation funds are not available this project should still be accomplished. 2008 - Prepare plans (Apply for Hazard Mitigation Grant) 2009 Construction

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	30 yrs	Materials	
Est. Total Cost	\$225,000	Other Contracts	225,000
First Year in Program	2008	Total Project Cost	225,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	55,000					55,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)	170,000					170,000
OTHER FINANCING SOURCES (Specify)						-
TOTAL	225,000	-	-	-	-	225,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER		DIVISION: WATER	
PROJECT NO: W0503	PROJECT TITLE: WELL RESTORATION		

PROJECT LOCATION:

PROJECT STATUS:      NEW:                      IN PRIOR PROGRAM:                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
Restore/ redevelop Wells 11, 12, 13, 14, 15, 16, 17 as needed in anticipation of routine maintenance and rehabilitation.

Well	Last Rehabilitation	Planned Rehabilitation
#11	1999	2008
#12	2005	2013
#13	1999	2009
#14	2005	2014
#15	2006	2016
#16	2005	2015
#17	new 2005	2012

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Various	Labor	
Est. Useful Life	10 yrs	Materials	
Est. Total Cost	\$79,500	Other Contracts	79,500
First Year in Program	2005	Total Project Cost	79,500

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	25,000			27,000	27,500	79,500
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	25,000	-	-	27,000	27,500	79,500



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W0402	PROJECT TITLE: FIRE HYDRANT REPLACEMENTS

PROJECT LOCATION:

PROJECT STATUS:      NEW: X      IN PRIOR PROGRAM:      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 Replace old (1954-1970) 4 1/4" fire hydrants because they are difficult to disassemble and parts are getting difficult to find. The new 5 1/4" fire hydrant is standard in the industry, easier to repair and provides for a higher fire flow. The cost to replace is \$2,000 each. As the oldest hydrants are replaced we will identify additional hydrants that are in need of replacement.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Ongoing	Labor	
Est. Useful Life	50 years	Materials	
Est. Total Cost	\$53,800	Other Contracts	53,800
First Year in Program	Ongoing	Total Project Cost	53,800

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	10,250	10,500	10,750	11,000	11,300	53,800
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	10,250	10,500	10,750	11,000	11,300	53,800

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTE WATER	DIVISION: WATER
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PROJECT NO: W0403	PROJECT TITLE: CURTIS WATER TANK MIXING RETROFIT
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PROJECT LOCATION: CURTIS WATER TANK (CONCRETE TANK)

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 Project involves the installation of a 16 inch inlet/outlet pipe on the floor of the tank to separate the inlet and outlet in the tank for water quality improvement. Currently, the water enters and leaves the 170 foot diameter tank from one pipe. This lack of circulation creates dead zones that contribute to a degradation of water quality.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	30 yrs	Materials	
Est. Total Cost	\$90,000	Other Contracts	90,000
First Year in Program	2004	Total Project Cost	90,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		90,000				90,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	90,000	-	-	-	90,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
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PROJECT NO: W0002	PROJECT TITLE: ALTERNATIVE DISINFECTION EQUIPMENT
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PROJECT LOCATION: NEWARK WATER TREATMENT FACILITY

PROJECT STATUS:	NEW: X	IN PRIOR PROGRAM:	IN PROGRESS:
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**DESCRIPTION & JUSTIFICATION:**  
 This project will provide alternative disinfection equipment at the Curtis water treatment plant. The gaseous chlorine that we currently use is subject to increasing regulatory action. Replacement with less hazardous materials will eliminate this concern. Until such time as we can replace this equipment we should install interim safety measures to automatically shut off the one ton tank of gaseous chlorine. This shut off equipment will eliminate the need to send someone into the chlorine filled room to turn off the valve. This equipment will cost approximately \$15,000.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	
Est. Useful Life	15 yrs	Materials	
Est. Total Cost	\$165,000	Other Contracts	165,000
First Year in Program	2000	Total Project Cost	165,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	15,000		150,000			165,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	15,000	-	150,000	-	-	165,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER		DIVISION: WATER
PROJECT NO: W9410	PROJECT TITLE: WATER PLANT LAGOON DREDGING	

PROJECT LOCATION:

PROJECT STATUS:          NEW:                      IN PRIOR PROGRAM: X                                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
Dredge the Curtis Mill Treatment Plant backwash water lagoon. Sediment and debris from the filter backwash is discharged to the lagoon. Over time the pond has filled up with sediment. This project may need to be done sooner if the pond gets too full.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Cont.	Labor	
Est. Useful Life	15 yrs	Materials	
Est. Total Cost	\$160,000	Other Contracts	160,000
First Year in Program	1993	Total Project Cost	160,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		160,000				160,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	160,000	-	-	-	160,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER		DIVISION: WATER
PROJECT NO: W9302	PROJECT TITLE: SUPERVISORY CONTROL AND DATA SYSTEM ACQUISITION (SCADA)	

PROJECT LOCATION: CITY WIDE

PROJECT STATUS:          NEW:          IN PRIOR PROGRAM: X          IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

As funds are available, implement first phase of SCADA project identified by the study conducted in 2006. Funding issues and a focus on Plant expansion has delayed this project. Project is still valid.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	unknown	Labor				
Est. Useful Life	25 yrs	Materials				
Est. Total Cost	\$125,000	Other Contracts			125,000	
First Year in Program	1993	Total Project Cost			125,000	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES				125,000		125,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	-	-	125,000	-	125,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W9308	PROJECT TITLE: WATER MAIN RENOVATION PROGRAM

PROJECT LOCATION: SEE LIST BELOW

PROJECT STATUS:           NEW:                           IN PRIOR PROGRAM: X   IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

Project involves either replacing mains or cement lining the interior to minimize main breaks, reduce rusty water and improve fire flow. Project for Kent Way was deferred to 2008. Defer other project similarly.

A. SOUTH CHAPEL STREET	200,000	2009 CEMENT LINE (MAIN STREET TO LOVETT AVENUE)
B. FERNCLIFF ROAD	70,000	2010 REPLACEMENT (FREQUENT MAIN BREAKS)

PROJECTS IN THE OUT YEARS FOR REPAIRS AND REPLACEMENTS ON OTHER WATER LINES WILL BE IDENTIFIED IN FUTURE CAPITAL BUDGETS .

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	N/A	Labor				
Est. Useful Life	80 yrs	Materials				
Est. Total Cost	\$570,000	Other Contracts				
First Year in Program	1993	Total Project Cost		570,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	200,000	70,000	100,000	100,000	100,000	570,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	200,000	70,000	100,000	100,000	100,000	570,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
PROJECT NO: W8605	PROJECT TITLE: WATER TANK MAINTENANCE

PROJECT LOCATION: VARIOUS

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

		LAST PAINTED		PROJECTED REPAINT
		INSIDE	OUTSIDE	
A. SOUTH WELL FIELD	150,000	2003	2003	2018
B. ARBOUR PARK TANK	175,000	2003	2003	2019
C. MILFORD XRDS TANK	300,000	1990	1990	2008
D. WINDY HILLS TANK	280,000	1997	1997	2012
E. NEW LONDON RD TANK	250,000	1997	1997	2013
F. PAPER MILL ROAD TANK	CONCRETE	*	*	
G. DALLAM ROAD TANK	150,000	2003	2003	2020
H. NOTTINGHAM ROAD TANK	130,000	2003	2003	2021

Steel tanks require periodic maintenance to insure long life. Tank inspection should be done every five years and will be provided for in the general budget.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Cont.	Labor	
Est. Useful Life	15 yrs	Materials	
Est. Total Cost	\$530,000	Other Contracts	530,000
First Year in Program	1986	Total Project Cost	530,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES				280,000	250,000	530,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	-	-	280,000	250,000	530,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WATER
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PROJECT NO: WEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM
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PROJECT LOCATION:

PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
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DESCRIPTION & JUSTIFICATION:  
 Planned advance funding accumulated through depreciation to replace essential equipment when necessary. See attached schedule.  
 Sewer flushing truck complete 2005 Vehicle #218 replaced 2006

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Ongoing	Labor	
Est. Useful Life	Various	Materials	
Est. Total Cost	593,500	Other Contracts	593,500
First Year in Program	Ongoing	Total Project Cost	593,500

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT	22,600	105,100	167,800	250,000	48,000	593,500
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	22,600	105,100	167,800	250,000	48,000	593,500



**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013**  
**WATER AND WASTE WATER UTILITY**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS			
								2009	2010	2011	2012
215	STAFF CARS 2007 Dodge Durango	01/26/07	21,545	500	75,000	9	2016				
202	LINE TRUCKS 1999 Int'l 4900 with Crew Cab	03/12/99	72,656	46,000	75,000	9	2011			100,000	
207	2005 Int'l Dump Truck	08/05/05	95,845	8,900	65,000	9	2014				
243	2006 Int'l Sewer Truck	10/17/05	146,156	15,900	83,000	7	2012				250,000
	PICK-UPS & VANS										
204	2002 Ford F350 Pickup	05/17/02	21,904	43,000	72,000	9	2011			25,800	
206	1998 Dodge Ram C15 Pickup					9	2017				
211	2003 Chevrolet S-10 Pickup	05/23/03	16,088	28,500	80,000	8	2011			21,000	
218	2006 Ford F-350 Pickup	02/22/06	21,453	45,000	120,000	6	2009	22,600			
241	2002 Dodge Ram Van	03/28/02	13,547	34,500	75,000	8	2013				20,000
244	2003 Chevrolet Pickup	05/23/03	17,238	31,000	100,000	8	2011			21,000	
245	2001 Dodge 2500 Van	05/18/01	17,114	36,000	80,000	8	2013				28,000
299	2002 Ford F350 Pickup	05/17/02	21,904	57,000	100,000	6	2010		25,100		
	OTHER EQUIPMENT										
201	Air Compressor						2015				
220	2000 Case Loader/Backhoe	12/31/99	54,389	--	--	10	2010		80,000		
TOTAL WATER AND WASTE WATER UTILITY								\$22,600	\$105,100	\$167,800	\$250,000
											\$48,000

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**SEWER FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
S0901	\$0	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
S0902	0	20,000	20,000	0	0	0	0	20,000
S0903	0	0	0	35,000	0	0	0	35,000
S0904	0	0	0	75,000	200,000	200,000	0	475,000
S0801	1,250,000	1,200,000	1,200,000	0	0	0	0	1,200,000
S0802	0	0	0	35,000	0	0	0	35,000
S8803	20,000	0	0	0	0	0	0	0
SEQSF	0	0	0	0	0	0	0	0
Total Sewer	\$1,270,000	\$1,240,000	\$1,240,000	\$145,000	\$200,000	\$200,000	\$0	\$1,785,000
CURRENT RESOURCES								
CAPITAL RESERVES	\$170,000	\$310,000	\$310,000	\$145,000	\$200,000	\$200,000	\$0	\$855,000
EQUIPMENT REPLACEMENT	0	0	0	0	0	0	0	0
BOND ISSUES	0	0	0	0	0	0	0	0
GRANTS	1,100,000	660,000	660,000	0	0	0	0	660,000
OTHER FINANCING SOURCES	0	270,000	270,000	0	0	0	0	270,000
	\$1,270,000	\$1,240,000	\$1,240,000	\$145,000	\$200,000	\$200,000	\$0	\$1,785,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER

DIVISION: WASTE WATER

PROJECT NO: S0901

PROJECT TITLE: REPLACE SEWER LINE ON FOREST LANE

PROJECT LOCATION: FOREST LANE

PROJECT STATUS: NEW: X

IN PRIOR PROGRAM:

IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

The sewer line on Forest Lane is badly cracked and deteriorated, relining or replacement is necessary to preserve the integrity of the sewer line. Failure to accomplish this work will expose us to increased risk of sewer system back ups. 375' of line exists between manholes.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2009	Labor				
Est. Useful Life	50 yrs	Materials				
Est. Total Cost	\$20,000	Other Contracts		20,000		
First Year in Program	2009	Total Project Cost		20,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WASTE WATER
PROJECT NO: S0902	PROJECT TITLE: RELINE/REPLACE SEWER LINE ON ELKTON ROAD

PROJECT LOCATION: ELKTON ROAD VICINITY OF AMSTEL AVENUE

PROJECT STATUS: NEW: X IN PRIOR PROGRAM: IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

The sewer line in Elkton Road in the vicinity of Amstel Avenue contains a section that is badly corroded. It appears to be cast or ductile iron pipe versus the vitrified clay seen on either side of this section. This pipe ought to be relined or replaced prior to the street reconstruction. If not accomplished we risk having to dig up the new street to make a repair.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2009	Labor				
Est. Useful Life	50 yrs	Materials				
Est. Total Cost	\$20,000	Other Contracts		20,000		
First Year in Program	2009	Total Project Cost		20,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER		DIVISION: WASTE WATER	
PROJECT NO: S0903	PROJECT TITLE: EASEMENT SEWER JET		

PROJECT LOCATION:			
PROJECT STATUS:	NEW: X	IN PRIOR PROGRAM:	IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 Our current sewer jet truck is limited in its ability to work in our sewer lines that run along easements whether they are located in rear yards or along creeks in natural areas. The easement jetter is a self propelled hose reel that takes water from the sewer jet truck which is then used to flush the line. The easement machine provides the operator with greater control at the remote site and provides sufficient hose to flush the remote location. Because we don't currently have this capability we frequently work on the remote lines only when we know there is a problem and even then we are limited in what we can do.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	10 yrs	Materials	
Est. Total Cost	\$35,000	Other Contracts	35,000
First Year in Program	2009	Total Project Cost	35,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		35,000				35,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	35,000	-	-	-	35,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WASTE WATER
PROJECT NO: S0904	PROJECT TITLE: SANITARY SEWER STUDY

PROJECT LOCATION: CHRISTINA SEWER BASIN

PROJECT STATUS:           NEW:                   IN PRIOR PROGRAM:                                   IN PROGRESS:

### DESCRIPTION & JUSTIFICATION:

This project will investigate the condition of the sanitary sewer system and make recommendations for repair. We currently have a warning system to advise us when the sewer along Rahway Drive is backing up. The nature of the problem that causes this to happen is not understood sufficiently to develop a measured response. Without this effort we will continue to respond to emergencies as they develop without a coordinated plan to deal with the problem causing them. The funds identified in 2010 and 2011 are intended to be used to address the problems identified in the study. These amounts can be adjusted in the next capital budget as necessary.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	2011	Labor				
Est. Useful Life	50 yrs	Materials				
Est. Total Cost	\$475,000	Other Contracts			475,000	
First Year in Program	2007	Total Project Cost			475,000	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		75,000	200,000	200,000		475,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	75,000	200,000	200,000	-	475,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER	DIVISION: WASTE WATER
PROJECT NO: S0801	PROJECT TITLE: REPAIR SEWER LINE CROSSING OVER CHRISTINA CREEK

PROJECT LOCATION: CHRISTINA CREEK ADJACENT TO ARBOUR PARK

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

The sewer lines are constructed and located such that floating debris can damage the sewer pipes. This project will correct problems associated with potential debris damage during storms. Hazard Mitigation Grant can be prepared as soon as preliminary plans are completed.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	50 yrs	Materials	
Est. Total Cost	\$1,200,000	Other Contracts	1,200,000
First Year in Program	2008	Total Project Cost	1,200,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	270,000					270,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)	660,000					660,000
OTHER FINANCING SOURCES (Specify)	270,000					270,000
<b>TOTAL</b>	<b>1,200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,200,000</b>

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER & WASTE WATER		DIVISION: WASTE WATER	
PROJECT NO: S0802	PROJECT TITLE: REPLACE PUMPS AND CONTROLS AT BELLEVUE ROAD LIFT STATION		
PROJECT LOCATION: COOCHES BRIDGE LIFT STATION			
PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
DESCRIPTION & JUSTIFICATION: The pumps, valves and controls at the Bellevue Road Lift Station need to be replaced. The equipment is aged. Repair parts are scarce and the equipment is not reliable. This project will also include installation of valving and connections to allow easy connection of emergency pumping equipment. A failure at this station will cause an overflow of sewage.			

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	20 yrs	Materials	
Est. Total Cost	\$35,000	Other Contracts	35,000
First Year in Program	2008	Total Project Cost	35,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		35,000				35,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	35,000	-	-	-	35,000



<b>CITY OF NEWARK, DELAWARE</b> <b>CAPITAL BUDGET - PROJECT DETAIL</b>
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DEPARTMENT: WATER & WASTE WATER	DIVISION: WASTE WATER
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PROJECT NO: SEQS	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM
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PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM

PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
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NEW:

IN PROGRESS:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.
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Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date		Labor	
Est. Useful Life		Materials	
Est. Total Cost		Other Contracts	
First Year in Program		Total Project Cost	-

PLANNED FINANCING OF PROJECT	
------------------------------	--

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	-	-	-	-	-

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**PUBLIC WORKS DEPARTMENT-GENERAL FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
R0901								
R0902								
R0701								
R0602								
R0101								
R9401								
REQSF								
H0901								
H0902								
H0903								
H0802								
H0803								
H0804								
H0705								
H0206								
H9604								
H7804								
HEQSF								
T0101								
T9801								
TEQSF								
Cleveland Avenue Landfill Remediation	\$0	\$0	\$0	\$125,000	\$125,000	\$0	\$0	\$250,000
Retrofit Vehicle 409	0	50,000	50,000	0	0	0	0	50,000
Curbside Recycling Collection	50,000	392,000	392,000	0	0	0	0	392,000
Transfer Station Upgrades	80,000	0	0	80,000	35,000	0	0	115,000
Automated Refuse Collection Program	15,000	10,000	10,000	8,000	0	0	0	18,000
Transfer Station Closure Costs	0	10,000	10,000	10,000	10,000	0	0	30,000
Equipment Replacement Program	178,500	140,000	140,000	721,500	420,200	217,200	474,400	1,973,300
Street Lighting	20,500	15,000	15,000	10,000	15,000	2,000	2,000	44,000
Purchase New 3/4 Ton Pick-Up	0	25,800	25,800	0	0	0	0	25,800
ADA Handicap Ramp Transition Plan	0	120,000	120,000	120,000	120,000	120,000	120,000	600,000
Storm Drainage Improvements	0	0	0	95,000	125,000	60,000	80,000	360,000
Annual Street Program	900,000	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000
Street Sign/Traffic Control Upgrade	15,000	0	0	0	0	0	0	0
Work Zone Safety Crash Cushion Panel	30,000	0	0	0	0	0	0	0
Municipal Bldg Parking Lot Improvements	0	0	0	250,000	0	0	0	250,000
Sidewalk Improvements	10,000	0	0	0	0	0	0	0
Christina Creek Improvements	0	0	0	125,000	125,000	85,000	75,000	410,000
Equipment Replacement Program	29,600	111,400	111,400	250,800	365,300	418,000	0	1,145,500
NPDES Phase II Stormwater Quality	89,900	30,000	30,000	30,000	50,000	50,000	50,000	210,000
Stormwater Facility Restoration	25,000	0	0	0	0	0	0	0
Equipment Replacement Program	0	0	0	53,900	21,000	37,300	26,500	138,700
Total Public Works-General Fund	\$1,443,500	\$1,654,200	\$1,654,200	\$2,629,200	\$2,161,500	\$1,739,500	\$1,577,900	\$9,762,300
CURRENT RESOURCES								
CAPITAL RESERVES	\$609,900	\$1,082,800	\$1,082,800	\$1,283,000	\$1,035,500	\$747,000	\$757,000	\$4,904,800
EQUIPMENT REPLACEMENT	325,500	0	0	0	0	0	0	0
BOND ISSUES	208,100	251,400	251,400	1,026,200	806,500	672,500	500,900	3,257,500
GRANTS	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES	300,000	320,000	320,000	320,000	320,000	320,000	320,000	1,600,000
	0	0	0	0	0	0	0	0
	\$1,443,500	\$1,654,200	\$1,654,200	\$2,629,200	\$2,161,500	\$1,739,500	\$1,577,900	\$9,762,300

## **PUBLIC WORKS**

The Public Works Department coordinates and directs the City's refuse collection, street and vehicle maintenance and engineering operations. In addition to supervising operations, this program involves contract administration, fiscal management and reporting, and capital planning. Monitoring and inspection of stormwater management facilities is a major task of the Department's engineering program. In addition, construction plans and calculations are reviewed as part of this function for all subdivision work. The City is mandated to meet requirements of Phase II of the National Pollutant Discharge Elimination System (NPDES). This is a federal EPA program to improve stormwater discharges. Regarding trash collection, curbside residential collection services are provided twice weekly. Limited collection of commercial refuse is available on a fee basis. Other services provided by this program include bulk refuse collection, street sweeping and grass collection. The Department's street maintenance program provides safe transit of vehicles and pedestrians on streets and rights-of-way. Approximately two-thirds of Newark's roadways or 64 miles are maintained under this program. The Department's equipment maintenance program is responsible for keeping the City's fleet of 148 vehicles, heavy equipment and trucks operational. This function also maintains 55 trailers, generators and other motorized equipment.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS		DIVISION: REFUSE	
PROJECT NO: R0901	PROJECT TITLE: Cleveland Avenue Landfill Remediation		

PROJECT LOCATION: Cleveland Avenue Park

PROJECT STATUS:            NEW: X            IN PRIOR PROGRAM:            IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 The City of Newark owned and operated the Cleveland Avenue Landfill around 1960 at which time we were disposing of Municipal Solid Waste. This landfill is on the state HSCA (hazardous substance cleanup act) list. DENREC has instructed the City to close out site inspection and subsequent remedial action. The City currently has a contract with Tetra Tech Engineers for performing the site investigation and expects to have the final report submitted to DENREC by the end of the year. Based on the results of this report, DENREC will instruct the City on what needs to be performed for remedial action at the site for closeout. It is not known what remedial action will be required for the site; however, given its proximity to the White Clay Creek, which is a wild and scenic river, it is anticipated that DENREC will request maximum efforts by the City to preserve the natural habitat. It is recommended that \$250,000 be budgeted for this remediation work.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	12/10	Labor	
Est. Useful Life	30 years	Materials	
Est. Total Cost	\$250,000	Other Contracts	250,000
First Year in Program	2009	Total Project Cost	250,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		125,000	125,000			250,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	125,000	125,000	-	-	250,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS

DIVISION: REFUSE

PROJECT NO: R0902

PROJECT TITLE: Retrofit Vehicle 409

PROJECT LOCATION: Cleveland Avenue Park

PROJECT STATUS: NEW: X

IN PRIOR PROGRAM:

IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

Previous planning included two sideloaders as back-up to one automated truck. By retrofitting vehicle 409 to an automated truck, this truck will replace the two back-up sideloaders. Short term savings will be \$50,000. Long term savings would be \$100,000 every vehicle life cycle.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	2009	Labor				
Est. Useful Life	4 years	Materials				
Est. Total Cost	\$50,000	Other Contracts			50,000	
First Year in Program	2009	Total Project Cost			50,000	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	50,000					50,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	50,000	-	-	-	-	50,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Refuse
PROJECT NO: R0701	PROJECT TITLE: Curbside Recycling Collection

PROJECT LOCATION: Citywide

PROJECT STATUS:            NEW:                    IN PRIOR PROGRAM: X                    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
City Council has directed the Public Works Department to promote a curbside recycling program for 2009. Based on a study by the department, it was recommended that an in-house program be provided as it turned out to be the most economical alternative. Based on this scenario, the City plans to utilize their existing automated refuse collection trucks. The recommended program is based on the City supplying the carts to the residents at no cost to them. The cost of 6,400 carts at \$60.00 per cart totals \$384,000. It is anticipated by utilizing the City of Wilmington's diversion and participation rates experienced in their program that the costs of these carts when amortized over 10 years will offset the initial capital cost of these carts.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	12/30/09	Labor	8,000
Est. Useful Life	10 years	Materials	
Est. Total Cost	\$392,000	Other Contracts	384,000
First Year in Program	2007	Total Project Cost	392,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	392,000					392,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	392,000	-	-	-	-	392,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works		DIVISION: Refuse
PROJECT NO: R0602	PROJECT TITLE: Transfer Station Upgrades	

PROJECT LOCATION: Transfer Station

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

Provide needed maintenance to Transfer Station and create contingency fund for unforeseen repairs. A floor replacement was needed in 2004 at a cost of \$8,000. The walls of the compactor unit are showing wear, overhaul of hydraulic cylinder has been required approximately every four years, the existing scale is thirty years old, and we have been advised that it can no longer be calibrated.

Scale Replacement: \$80,000  
 Cylinder Overhaul: \$20,000  
 Compactor Floor /Wall Replacement: \$10,000  
 Internal Labor: \$5,000

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	5,000
Est. Useful Life	*	Materials	
Est. Total Cost	\$115,000	Other Contracts	110,000
First Year in Program	2006	Total Project Cost	115,000

**PLANNED FINANCING OF PROJECT**

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		80,000	35,000			115,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
<b>TOTAL</b>	-	80,000	35,000	-	-	115,000

\* Scale 20 years, Wall/Floor 8 years, Cylinder 8 years

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works		DIVISION: Refuse
PROJECT NO: R0101	PROJECT TITLE: Automated Refuse Collection Program	

PROJECT LOCATION: Citywide

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

Automated refuse carts must be purchased to supply new housing developments.  
300 carts @ \$60.00/cart = \$18,000

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2010	Labor				
Est. Useful Life	10 years	Materials				
Est. Total Cost	\$18,000	Other Contracts		18,000		
First Year in Program	2002	Total Project Cost		18,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	10,000	8,000				18,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	10,000	8,000	-	-	-	18,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works		DIVISION: Refuse
PROJECT NO: R9401	PROJECT TITLE: Transfer Station Closure Costs	

PROJECT LOCATION: Transfer Station

PROJECT STATUS:            NEW:                    IN PRIOR PROGRAM: X                    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

Current Transfer Station requires allocation of funds for closure estimated at \$154,200.  
Capital Reserves: \$124,200

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	Ongoing	Labor				
Est. Useful Life	N/A	Materials				
Est. Total Cost	\$154,000	Other Contracts		154,000		
First Year in Program	1994	Total Project Cost		154,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	10,000	10,000	10,000			30,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	10,000	10,000	10,000	-	-	30,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works		DIVISION: Refuse	
PROJECT NO: R-EQSF	PROJECT TITLE: Equipment Replacement Program		

PROJECT LOCATION:

PROJECT STATUS:          NEW:                      IN PRIOR PROGRAM: X                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

Planned advanced funding through depreciation to replace essential equipment when necessary.  
See attached schedule.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION	AMOUNT			
Est. Completion Date	Ongoing	Labor				
Est. Useful Life	Various	Materials				
Est. Total Cost	1,973,300	Other Contracts	1,973,300			
First Year in Program	Ongoing	Total Project Cost	1,973,300			
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT	140,000	721,500	420,200	217,200	474,400	1,973,300
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	140,000	721,500	420,200	217,200	474,400	1,973,300

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013**  
**PUBLIC WORKS DEPARTMENT, REFUSE DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	2009	2010	2011	2012	2013
<b>REFUSE COLLECTION</b>												
409	2006 Int'l One-Man Packer	( a., b. ) 09/12/05	146,659	5,500	65,000	6	2013	0	( a )			217,200
456	2004 Int'l 7400 One-man Packer	01/16/04	124,302	27,000	65,000	6	2010		200,700			
454	2006 Int'l 7500 Refuse Truck	02/12/05	177,652	12,000	100,000	6	2011			206,300		
410	2004 Int'l 7400 One-man Packer	01/16/04	124,302	25,000	65,000	6	2010		200,700			
455	1998 Int'l One-man Packer	Removed from schedule										
457	1997 Int'l One-man Packer	Removed from schedule										
423	2001 Sterling Refuse Truck	06/08/01	103,995	60,000	100,000	7	2009	140,000				
425	2000 Sterling Refuse Truck	04/07/00	87,400	54,000	100,000	8	2010		143,500			
418	2001 Sterling Refuse Truck	( c. )				7	2015					
411	2006 Int'l 7500 Refuse Truck	03/29/06	151,458	9,000	75,000	6	2012				217,200	
453	2006 Int'l 7500 Refuse Truck	03/30/06	182,452	6,700	75,000	6	2013					217,000
458	1999 Int'l L4900 Side-loader	Removed from schedule										
459	1997 Int'l 4900 Side Loader	Removed from schedule										
<b>SPECIAL COLLECTION</b>												
440	1997 Int'l Knuckleboom Truck	12/31/96	67,190	72,000	100,000	10	2010		92,600			
441	1997 Int'l Stake Body Truck	03/14/97	39,285	50,000	80,000	10	2011		52,900			
<b>DISPOSAL</b>												
412	2005 Int'l 7600 Semi Tractor	10/04/04	78,487	30,000	85,000	10	2014					
497	1999 Sterling L9513 Semi Tractor	( c. )				10	2018					
495	1998 Spec Tec Ejector Trailer	10/02/98	34,200	20,000	80,000	10	2010		42,000			
498	2000 Spec Tec Ejector Trailer	09/15/00	34,000	--	N/A	10	2011			42,000		
499	1999 Closed Top Ejector Trailer	10/01/99	34,000	--	N/A	10	2010		42,000			
496	2003 Aluminum Dump Trailer	06/20/03	31,383	--	N/A	10	2013					40,200
<b>OTHER EQUIPMENT</b>												
413	2003 Schwarze A7000 Sweeper	01/09/04	99,130	18,000	75,000	7	2011			119,000		
<b>TOTAL REFUSE DIVISION</b>												
									\$140,000	\$721,500	\$420,200	\$217,200 \$474,400

a. New Project submittal of \$50,000 to retrofit Vehicle 409 to an automated truck.  
b. Complete replacement of Vehicle 409 is expected to be necessary in 2013.  
c. Vehicles 418 and 497 replaced in 2008.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS

DIVISION: STREETS

PROJECT NO: H0901

PROJECT TITLE: STREET LIGHTING

PROJECT LOCATION: VARIOUS

PROJECT STATUS: NEW:

IN PRIOR PROGRAM: X

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

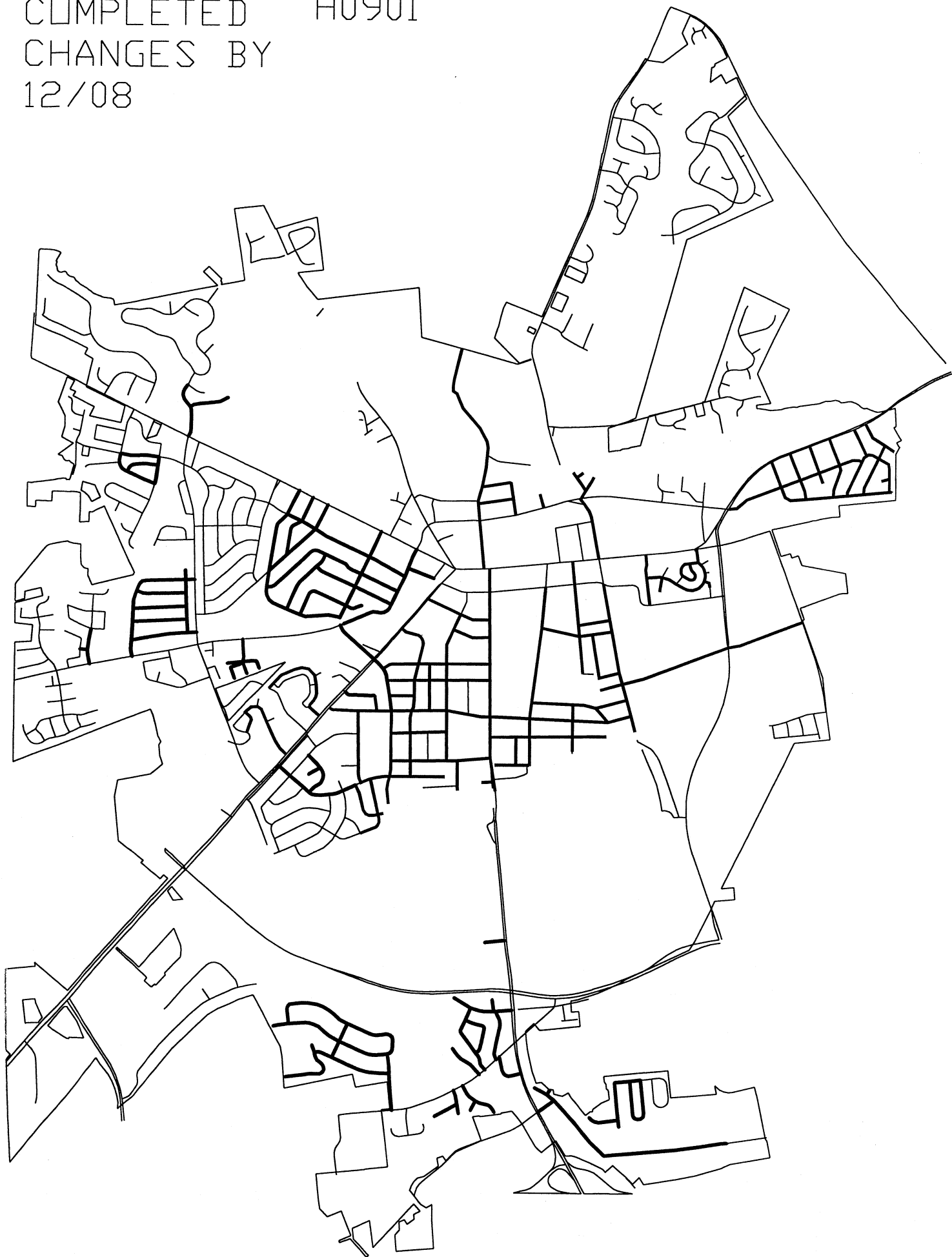
INSTALLATION OF NEW STREET LIGHTS IN DEVELOPMENTS AND OTHER AREAS AS NEEDED. REPLACEMENT OF MERCURY VAPOR STREETLIGHT FIXTURES WITH HIGH PRESSURE SODIUM FIXTURES. IT IS PROPOSED TO REPLACE OLDER INEFFICIENT FIXTURES WITH THE HIGH PRESSURE SODIUM TYPE RESULTING IN MORE LIGHT OUTPUT AND LESS ENERGY USAGE. SODIUM BULBS CAN BE LANDFILLED WHILE MERCURY BULBS MUST BE TREATED AS HAZARDOUS WASTE.

460 FIXTURES REPLACED BY END OF 2008.

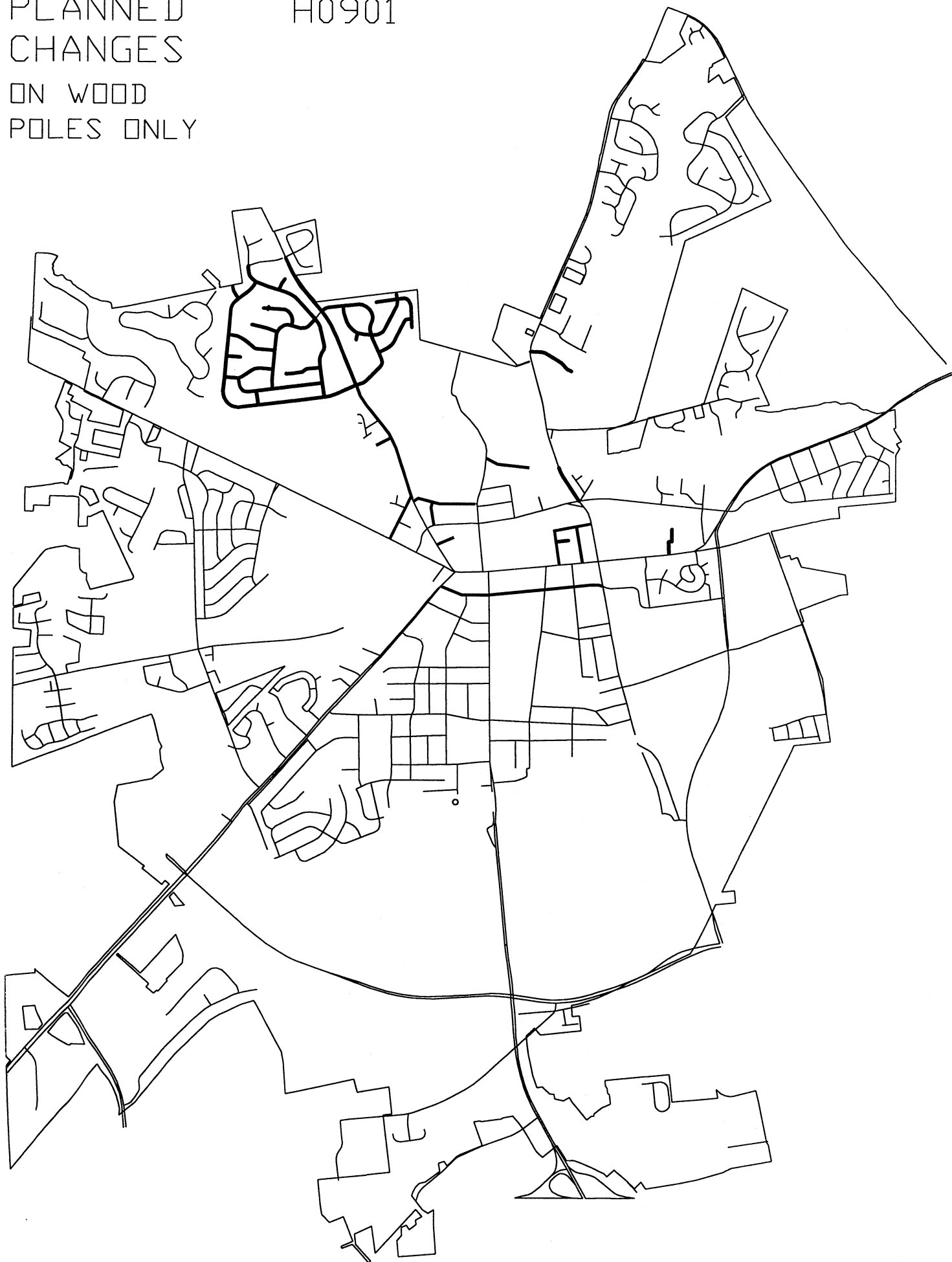
277 FIXTURES STILL TO BE REPLACED - 100 OF THESE ARE ON METAL POLES.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION	AMOUNT			
Est. Completion Date	CONT.	Labor	10,000			
Est. Useful Life	30 YRS.	Materials	34,000			
Est. Total Cost	\$44,000	Other Contracts				
First Year in Program	CONT.	Total Project Cost	44,000			
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	15,000	10,000	15,000	2,000	2,000	44,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	15,000	10,000	15,000	2,000	2,000	44,000

COMPLETED H0901  
CHANGES BY  
12/08



H0901



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS

DIVISION: STREETS

PROJECT NO: H0902

PROJECT TITLE: Purchase New 3/4 Ton Pick-up

PROJECT LOCATION:

PROJECT STATUS: NEW: X

IN PRIOR PROGRAM:

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

Vehicle 504 was taken off of the equipment sinking fund and kept after replacement so that we could send out a separate two-man crew to perform catch basin repairs. This program has worked out well the past four years, repairs increasing from 10 (+/-) to 50 (+) per year. This truck is getting old with high mileage and a permanent replacement is needed to sustain this catch basin repair program.

### SUMMARY OF PROJECT DATA

### ESTIMATED PROJECT COST

#### CLASSIFICATION

#### AMOUNT

Est. Completion Date	2009	Labor	
Est. Useful Life	10 years	Materials	
Est. Total Cost	\$25,800	Other Contracts	25,800
First Year in Program	2009	Total Project Cost	25,800

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	25,800					25,800
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	25,800	-	-	-	-	25,800

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS

DIVISION: STREETS

PROJECT NO: H0903

PROJECT TITLE: ADA Handicap Ramp Transition Plan

PROJECT LOCATION: Citywide

PROJECT STATUS: NEW: X

IN PRIOR PROGRAM:

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

The U.S. Department of Justice per ADA (Americans with Disabilities Act) requires incorporated communities to establish a transition plan to upgrade their public facilities to ADA standards. We currently have 1,091 ramps that don't meet ADA standards and 142 locations without ramps. Establishing a twenty year transition plan at \$1,500 per ramp and 3% inflation will require \$120,000 per the next twenty years.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION				AMOUNT
Est. Completion Date	2028	Labor				150,000
Est. Useful Life	20 years	Materials				150,000
Est. Total Cost	\$1,614,000	Other Contracts				1,314,000
First Year in Program	2009	Total Project Cost				1,614,000
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	60,000	60,000	60,000	60,000	60,000	300,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify) CDBG	60,000	60,000	60,000	60,000	60,000	300,000
OTHER FINANCING SOURCES (Specify)						-
TOTAL	120,000	120,000	120,000	120,000	120,000	600,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Street
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PROJECT NO: H0802	PROJECT TITLE: Storm Drainage Improvements
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PROJECT LOCATION: Various Locations

PROJECT STATUS:      NEW:                      IN PRIOR PROGRAM: X                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

The Public Works Department, through inspections and observations during high storm events, has recommended the retro fit of our storm drainage system with additional catch basins and piping to alleviate current temporary flooding issues. It is recommended that the following projects be scheduled to improve on runoff and flooding conditions at the following locations:

1. Winslow Road and Arbour Drive locations (2010) \$95,000-install three catch basins and 270 feet of pipe on Winslow Road and install two catch basins, 32 feet of pipe, and 70 feet of curb and sidewalk on Arbour Drive.
2. Apple Road, between Manns Avenue and Dallas Avenue (2011) \$125,000-install six catch basins and 920 feet of pipe.
3. South Chapel Street, between Chambers Street and Lovett Avenue (2012) \$60,000-install two catch basins and 300 lineal feet of pipe.

Locations for 2013 have not been selected for this capital project; however, the average cost of annual projects is \$80,000 per year.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION				AMOUNT
Est. Completion Date	Ongoing	Labor				
Est. Useful Life	30 years	Materials				
Est. Total Cost	\$360,000	Other Contracts				360,000
First Year in Program	1981	Total Project Cost				360,000
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		95,000	125,000	60,000	80,000	360,000
CAPITAL RESERVES						
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	95,000	125,000	60,000	80,000	360,000

**STORM DRAINAGE IMPROVEMENTS**

1. WINSLOW ROAD AND ARBOUR DRIVE LOCATIONS  
2009 - \$95,000

Install 3 catch basins and 270 ft. of pipe on Winslow Road. Install 2 catch basins and 32 ft. of pipe, 70 ft. of curb and sidewalk on Arbour Drive.

2. APPLE ROAD – BETWEEN MANNS AVENUE & DALLAS AVENUE  
2010 - \$125,000

Install 6 catch basins and 920 ft. of pipe to system

3. S. CHAPEL STREET – BETWEEN CHAMBERS STREET AND LOVETT AVENUE  
2011 - \$60,000

Install 2 catch basins and 300 l.f. of pipe. DelDOT will probably require a full street width patch.

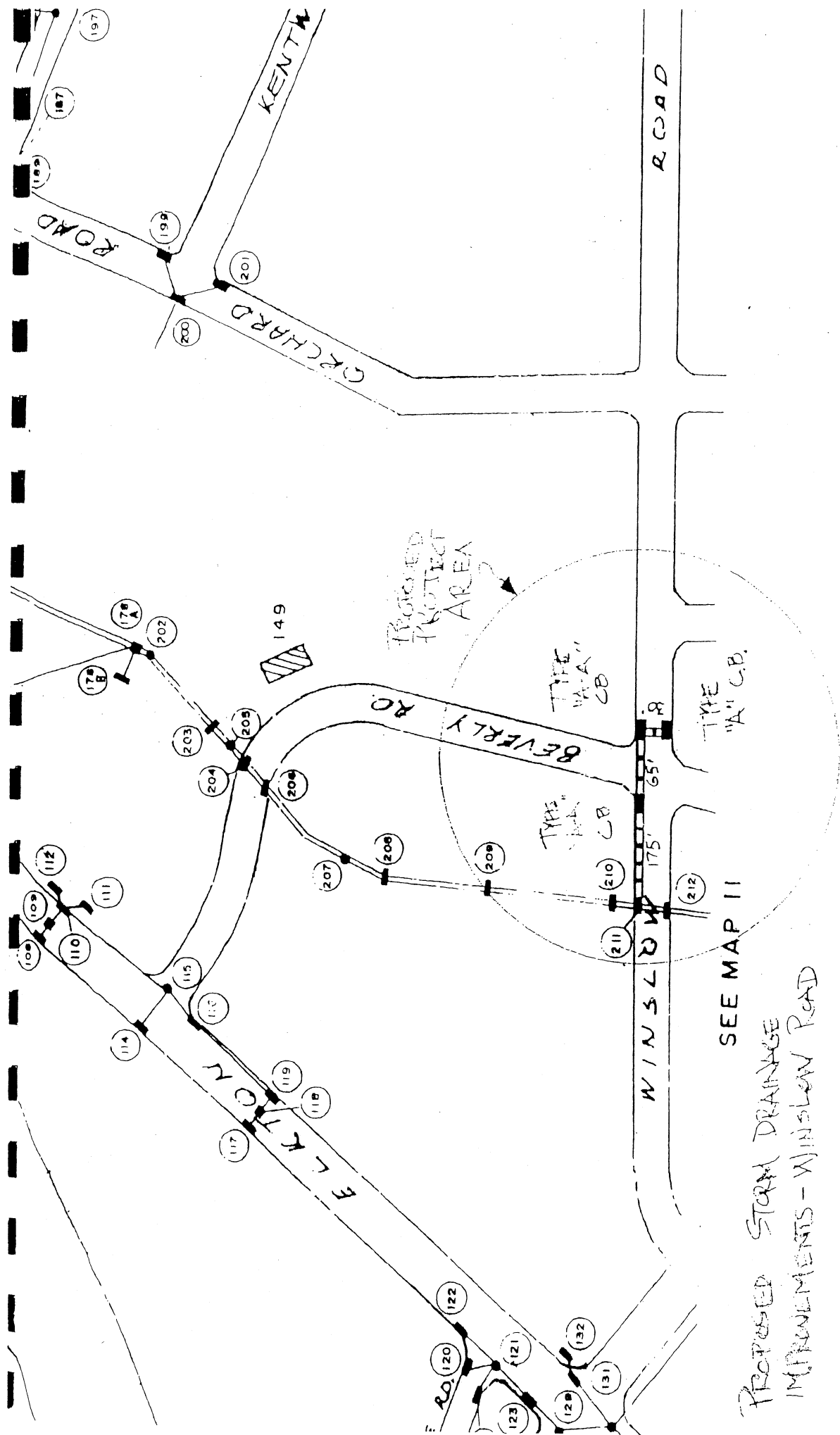
4. PROJECT NOT SELECTED BUT FUNDING BASED ON AVERAGE OF PAST PROJECTS – 2012 - \$80,000

5. PROJECT NOT SELECTED BUT FUNDING BASED ON AVERAGE OF PAST PROJECTS – 2013- \$80,000

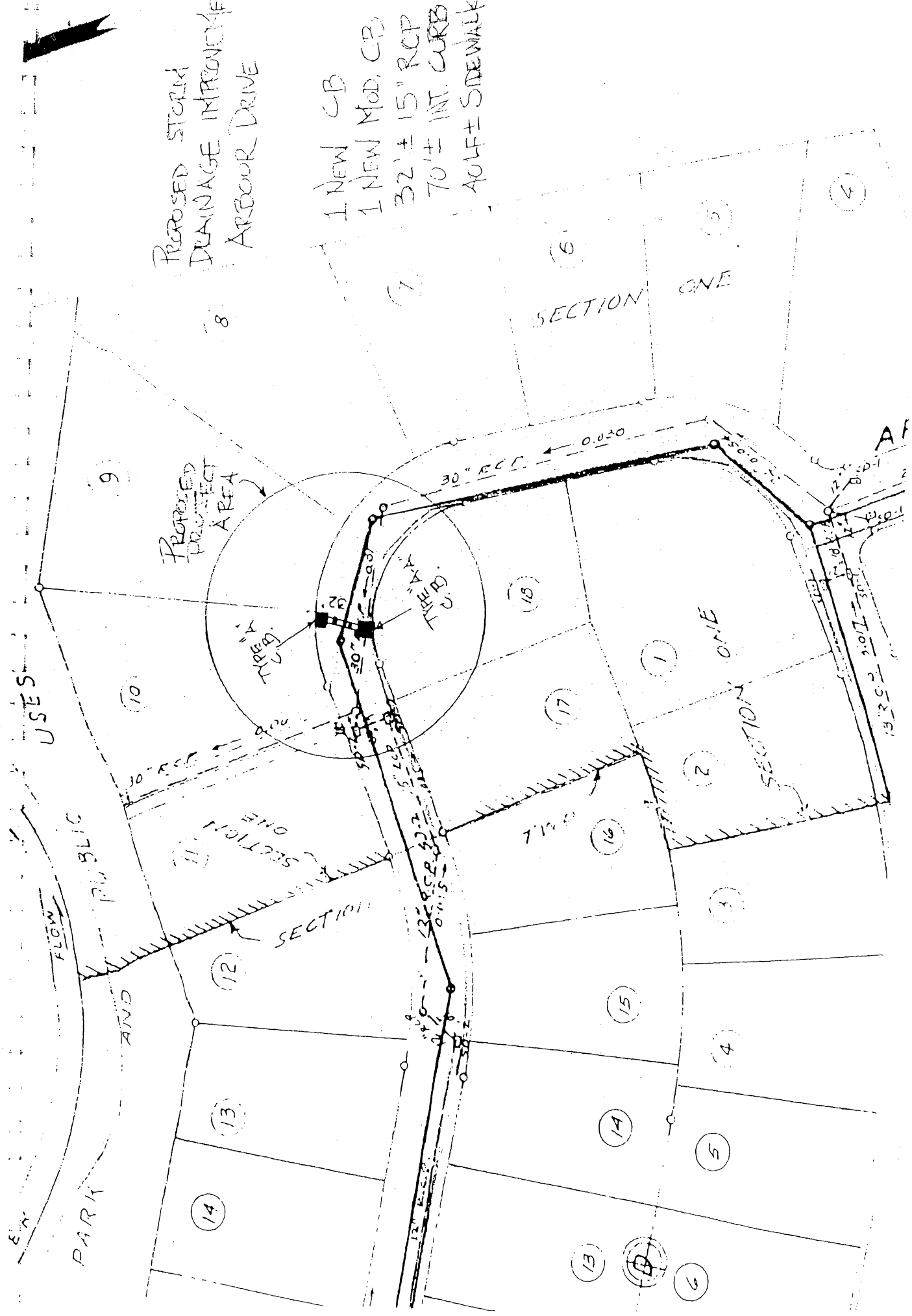
**POSSIBLE FUTURE CANDIDATES FOR PROJECTS**

Curtis Lane – Upgrade of culverts to help flooding problems

Cleveland and North College – Addition of catch basins and piping



PROPOSED STORM DRAINAGE  
 IMPROVEMENTS - WINSLOW ROAD  
 2 NEW TYPE "A-A" C.B.'S  
 1 NEW TYPE "A" C.B.  
 270 LF ± 15" RCP



PROPOSED STORM  
DRAINAGE IMPROVEMENT  
ARBOUR DRIVE

- 1 NEW CB
- 1 NEW MOD. CB
- 32' ± 15" RCP
- 70' ± INT. CURB
- 40' ± SIDEWALK

SECTION ONE

SECTION ONE

PROPOSED  
PROJECT  
AREA

USES

PUBLIC

AND

PARK

FLOW

AR

<b>CITY OF NEWARK, DELAWARE</b> <b>CAPITAL BUDGET - PROJECT DETAIL</b>
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DEPARTMENT: Public Works	DIVISION: Streets
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PROJECT NO: H0803	PROJECT TITLE: Annual Street Program
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PROJECT LOCATION: Citywide
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PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
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DESCRIPTION & JUSTIFICATION:
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Annual program required to sustain transportation infrastructure. The City has experienced over 50% in increased hot mix costs over the past three years and has experienced a 12-15% drop in overall road condition over the past ten years. Legislative Community Transportation Funding has decreased substantially over the past five years. The end result is that the City gets less funding and "less bang for its buck" creating a downward spiral in our road conditions. It is recommended that the City's portion of funding be increased to \$500,000 to help offset this negative trend.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	Ongoing	Labor				
Est. Useful Life	15 years	Materials				
Est. Total Cost	\$3,750,000	Other Contracts			3,750,000	
First Year in Program	2002	Total Project Cost			3,750,000	
<b><u>PLANNED FINANCING OF PROJECT</u></b>						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	490,000	490,000	490,000	490,000	490,000	2,450,000
CAPITAL RESERVES						
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (COMMUNITY TRANS FUND)	260,000	260,000	260,000	260,000	260,000	1,300,000
OTHER FINANCING SOURCES (Specify)						-
TOTAL	750,000	750,000	750,000	750,000	750,000	3,750,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Streets
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PROJECT NO: H0206	PROJECT TITLE: Municipal Building Parking Lot Improvements
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PROJECT LOCATION: City Hall

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

The parking lot at City Hall is showing serious signs of deterioration and poor drainage. It is proposed to remove the existing hot mix, install under drains, and repave this parking lot. Current estimate is \$250,000 for full mill, curb replacement, under drain installation, ADA upgrades and repaving.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2010	Labor		14,000		
Est. Useful Life	15 years	Materials		6,000		
Est. Total Cost	\$250,000	Other Contracts		230,000		
First Year in Program	2002	Total Project Cost		250,000		
<u>PLANNED FINANCING OF PROJECT</u>						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		250,000				250,000
CAPITAL RESERVES						
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	250,000	-	-	-	250,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works		DIVISION: Streets
PROJECT NO: H7804	PROJECT TITLE: Christina Creek Improvements	

PROJECT LOCATION: Christina Creek

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

Projects needed to preserve City parkland and trail system.

- 1) Stream bank near Sandy Brae Industrial Park (2010) \$125,000
- 2) Stream bank in areas of Abottsford (2011) \$125,000
- 3) Stream bank beneath the CSX bridge (2012) \$85,000
- 4) Stream bank across Elkton Road from Suburban Plaza (2013) \$75,000

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	Ongoing	Labor				
Est. Useful Life	20 years	Materials				
Est. Total Cost	\$410,000	Other Contracts			410,000	
First Year in Program	1978	Total Project Cost			410,000	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		125,000	125,000	85,000	75,000	410,000
CAPITAL RESERVES						
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	125,000	125,000	85,000	75,000	410,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Streets
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PROJECT NO: HEQSF	PROJECT TITLE: Equipment Replacement Program
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PROJECT LOCATION:

PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
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DESCRIPTION & JUSTIFICATION:

Planned advanced funding through depreciation to replace essential equipment when necessary.  
See attached schedule.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	Ongoing	Labor				
Est. Useful Life	Various	Materials				
Est. Total Cost	1,145,500	Other Contracts		1,145,500		
First Year in Program	Ongoing	Total Project Cost		1,145,500		
<u>PLANNED FINANCING OF PROJECT</u>						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT	111,400	250,800	365,300	418,000	-	1,145,500
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	111,400	250,800	365,300	418,000	-	1,145,500



**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013**  
**PUBLIC WORKS DEPARTMENT, STREET DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS			
								2009	2010	2011	2012
515	FOREMAN'S TRUCK										
504	2001 Dodge Ram Pickup	02/09/01	22,253	55,000	75,000	8	2011			25,800	
	2001 Dodge Ram Pickup										
	( a. )										
551	SIGNS & PAINTING										
	1997 Ford F-Super Duty	01/23/98	36,230	65,000	80,000	8	2010		48,700		
522	DUMP TRUCKS										
523	1997 Int'l 4900 Dump Truck	01/24/97	67,965	57,000	75,000	9	2010		114,100		
524	1997 Int'l 4900 Dump Truck	01/24/97	67,965	65,000	75,000	9	2009	111,400			
	1992 Int'l Dump Truck	Removed from Schedule									
528	2002 Int'l 4900 Dump Truck	08/31/01	88,107	21,500	100,000	8	2012				117,000
542	2006 Ford SuperDuty F-350 Dump	08/18/06	32,046	4,700	70,000	10	2016				
550	2004 Int'l Dump Truck	11/21/03	95,845	16,000	75,000	8	2011			117,000	
553	1998 Ford I8501 Dump Truck	02/27/98	71,163	42,000	80,000	9	2012				117,000
554	2004 Int'l Dump Truck	11/21/03	95,845	16,000	75,000	8	2011			117,000	
	VAC-ALL										
507	2006 Int'l 4700 Catch Basin Chlr	12/22/05	161,375	7,500	---	7	2012				184,000
513	2000 Sidewalk Sweeper Vacuum					7	2015				
518	1998 Int'l 4900 Vac all	Removed from Schedule									
	BACKHOE										
508	2000 Tarco Windy 400 Vac Leaf Loader	12/15/00	35,200	--	---	11	2011			46,200	
509	2001 Tarco Windy 400 Va Leaf Loader	07/13/01	35,200	--	---	9	2010		44,000		
510	1998 Tarco Windy 400 Vac Leaf Loader	02/20/98	34,689	--	---	12	2010		44,000		
511	2001 Case Loader	06/08/01	47,490	4,000hrs	6,000hrs	6	2011			59,300	
531	2003 JCB Model 426 Loader	11/07/03	93,872	--	---	13	2016				
TOTAL STREET DIVISION								\$111,400	\$250,800	\$365,300	\$418,000
											\$0

a. New vehicle request made in 2009 Capital Program - Vehicle 504 was retained as a back-up  
b. Replaced in 2008

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Engineering
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PROJECT NO: T0101	PROJECT TITLE: NPDES Phase II Stormwater Quality Program
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PROJECT LOCATION: Various Locations

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

Per the 1999 NPDES Phase II Stormwater Quality Regulations, the City of Newark is required to meet approved standards to improve stormwater quality. According to our plan submittal, we have planned the following:

- 1) Install in-line storm sewer quality controls at McKees Park, Rahway Park, Handloff Park, and Yorkshire Woods I:  
2011-2014, \$50,000 annually
- 2) Incorporate stormwater quality controls at Iron Glen Park and New London Road mulch areas at \$30,000 each.  
2009 & 2010

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION				AMOUNT
Est. Completion Date	2014	Labor				
Est. Useful Life	10-20 years	Materials				
Est. Total Cost	\$210,000	Other Contracts				210,000
First Year in Program	2001	Total Project Cost				210,000
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	30,000	30,000	50,000	50,000	50,000	210,000
CAPITAL RESERVES						
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	30,000	30,000	50,000	50,000	50,000	210,000

## **Stormwater Capital Budget Project Possibilities**

For **Baysaver** or **Stormceptor** systems, Mike, Pusey and I considered access first, area available, and then what the source of runoff would be. We came up with the following locations where we felt either system would improve the quality of stormwater runoff. These are also listed in order of preference due to the proximity of the creek, and the streets or businesses contributing to the runoff:

McKees Park – Car dealerships contribute heavily and it is right on White Clay Creek. No quality or quantity SWM currently located there. City parkland so no easement or access issues.

Rahway Park – Drains a section of Cherry Hill and is right on the Christina Creek. No quality or quantity SWM currently located there. City parkland so no easement or access issues.

Handloff Park – Drains a section of Nottingham Green, located within the watershed area of the Christina Creek. No quality or quantity SWM currently located there. City parkland so no easement or access issues.

Yorkshire Woods I – Drains a section of Yorkshire Woods I, right into the Yorkshire ditch. There is quantity SWM in the form of underground storage, but no quality. City parkland so no easement or access issues.

For **Basin Insert** systems, maintenance issues arise. However, we identified three areas where inserts would improve stormwater quality in environmentally sensitive areas. These areas include:

Christianstead or West Branch subdivision streets  
Arbour Drive  
Cherry Hill streets

### **Pricing**

**Baysaver, Stormceptor, or Stormgate Separators** systems could cost \$25,000-\$45,000 or more depending on the size of the drainage area and installation costs.

**Basin Inserts** may cost \$100 or more depending on the manufacturer. Reusable units can cost significantly more.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Engineering
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PROJECT NO: T-EQSF	PROJECT TITLE: Equipment Replacement Program
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PROJECT LOCATION:

PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
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DESCRIPTION & JUSTIFICATION:

Planned advanced funding through depreciation to replace essential equipment when necessary.  
See attached schedule.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Ongoing	Labor	
Est. Useful Life	Various	Materials	
Est. Total Cost	138,700	Other Contracts	138,700
First Year in Program	Ongoing	Total Project Cost	138,700

<u>PLANNED FINANCING OF PROJECT</u>						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT		53,900	21,000	37,300	26,500	138,700
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	53,900	21,000	37,300	26,500	138,700

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013**  
**PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS			
								2009	2010	2011	2012
711	2002 Dodge Stratus	03/28/02	13,524	49,000	75,000	8	2010		16,000		
714	2001 Dodge Ram Pickup	02/09/01	22,253	41,000	75,000	8	2013				26,500
735	2002 Dodge Ram Pickup	04/26/02	13,543	31,000	80,000	10	2012			16,300	
700	INSPECTORS										
748	2001 Jeep Cherokee 4X4	03/16/01	18,814	24,000	65,000	9	2010		22,200		
715	2003 Chevrolet Pickup	06/06/03	12,488	19,000	50,000	9	2012			21,000	
	2003 Dodge Ram Pickup	09/13/02	14,980	16,000	65,000	9	2011			21,000	
746	SURVEY VAN								15,700		
	1996 Ford Cargo Van	06/14/96	13,487	69,000	100,000	11	2010				
TOTAL ENGINEERING DIVISION								\$0	\$53,900	\$21,000	\$37,300
											\$26,500

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**PUBLIC WORKS DEPARTMENT-MAINTENANCE FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
M0801 Replace Diesel & Gasoline Pumps	\$0	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$20,000
M9503 Phillips Ave. Pole Shed Replacement	0	0	0	50,000	0	0	0	50,000
MEQSF Equipment Replacement Program	0	0	0	20,200	0	25,000	0	45,200
Total Public Works-Maintenance Fund	\$0	\$20,000	\$20,000	\$70,200	\$0	\$25,000	\$0	\$115,200
CURRENT RESOURCES								
CAPITAL RESERVES	\$0	\$20,000	\$20,000	\$50,000	\$0	\$0	\$0	\$70,000
EQUIPMENT REPLACEMENT	0	0	0	0	0	0	0	0
BOND ISSUES	0	0	0	20,200	0	25,000	0	45,200
GRANTS	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES	0	0	0	0	0	0	0	0
	\$0	\$20,000	\$20,000	\$70,200	\$0	\$25,000	\$0	\$115,200

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Maintenance
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PROJECT NO: M0801	PROJECT TITLE: Replace Diesel and Gasoline Pumps
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PROJECT LOCATION: Maintenance Yard

PROJECT STATUS:            NEW:                    IN PRIOR PROGRAM: X                    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

The current pumps at the maintenance yard are 35 plus years old. It has been very difficult in past years to be able to obtain needed repair parts for restoration of these pumps. The City has been advised by the City's maintenance contractor that the pumps should be replaced as soon as possible to ensure continued operation and reparability. If these pumps fail and are unavailable for use by City vehicles, the vehicles must utilize gas stations at a substantially higher cost. It is recommended that these pumps be replaced in 2009.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	20 years	Materials	
Est. Total Cost	\$20,000	Other Contracts	20,000
First Year in Program	2008	Total Project Cost	20,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works		DIVISION: Maintenance
PROJECT NO: M9503	PROJECT TITLE: Phillips Avenue Vehicle Building Replacement	

PROJECT LOCATION: Maintenance Yard

PROJECT STATUS:            NEW:                    IN PRIOR PROGRAM: X                    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

There is one 30 year old, five vehicle pole shed, which is the only building remaining in the maintenance yard that has not been upgraded to a new shed. The current shed houses the Public Works refuse trucks, but is only large enough to cover one-half of the vehicle. The new shed will double the width of the shed so that the complete vehicle will be covered. The old shed is still structurally sound; however, it is the Public Works Department's goal to upgrade this shed to better cover the refuse vehicles and match all the other sheds within the maintenance yard.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2010	Labor				
Est. Useful Life	30 years	Materials				
Est. Total Cost	\$50,000	Other Contracts		50,000		
First Year in Program	1996	Total Project Cost		50,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		50,000				50,000
CAPITAL RESERVES						
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	50,000	-	-	-	50,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works	DIVISION: Maintenance
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PROJECT NO: MEQSF	PROJECT TITLE: Equipment Replacement Program
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PROJECT LOCATION:

PROJECT STATUS:      NEW:                      IN PRIOR PROGRAM: X                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

Planned advanced funding through depreciation to replace essential equipment when necessary.  
See attached schedule.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Ongoing	Labor	
Est. Useful Life	Various	Materials	
Est. Total Cost	45,200	Other Contracts	45,200
First Year in Program	Ongoing	Total Project Cost	45,200

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT		20,200		25,000		45,200
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	20,200	-	25,000	-	45,200

CITY OF NEWARK, DELAWARE  
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013  
PUBLIC WORKS DEPARTMENT, MAINTENANCE DIVISION

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS			
								2009	2010	2011	2012
617	BUILDINGS & GROUNDS 2004 Ford E250 Van	07/08/04	14,196	16,500	64,000	8	2012				25,000
650	MECHANICS 2006 Ford E350 Pickup Truck	01/19/06	17,805	5,500	89,000	10	2016				
652	2001 Dodge Ram Van	03/09/01	17,114	29,000		9	2010		20,200		
TOTAL MAINTENANCE DIVISION								\$0	\$20,200	\$0	\$25,000
											\$0

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**POLICE DEPARTMENT-GENERAL FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
C0901 Radar Speed Signs	\$0	\$14,000	\$14,000	\$0	\$0	\$0	\$0	\$14,000
C0902 Carpet Replacement	0	0	0	30,000	0	0	0	30,000
C0903 Motorola 800 MHZ Portable Radios	0	100,000	100,000	100,000	0	0	0	200,000
C0801 Roof Replacement	70,000	0	0	0	0	0	0	0
C0802 Building Foundation Repair	0	20,000	20,000	0	0	0	0	20,000
C0804 Computer Aided Dispatch (New World Sys)	41,300	0	0	0	0	0	0	0
C0702 Laboratory Fuming Chamber	0	0	0	11,000	0	0	0	11,000
C0403 Mobile Command Post	260,000	0	0	0	0	0	0	0
CEQSF Equipment Replacement Program	66,900	73,000	73,000	285,200	120,600	187,250	46,000	712,050
Total Police	\$438,200	\$207,000	\$207,000	\$426,200	\$120,600	\$187,250	\$46,000	\$987,050
CURRENT RESOURCES								
CAPITAL RESERVES	\$70,000	\$134,000	\$134,000	\$141,000	\$0	\$0	\$0	\$275,000
EQUIPMENT REPLACEMENT	0	0	0	0	0	0	0	0
BOND ISSUES	108,200	73,000	73,000	285,200	120,600	187,250	46,000	712,050
GRANTS	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES	260,000	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	\$438,200	\$207,000	\$207,000	\$426,200	\$120,600	\$187,250	\$46,000	\$987,050

## **POLICE**

The Police Department is responsible for the direction and administration of all police activities, provision of technical support services, and relations with other city departments and external law enforcement agencies. The Department provides criminal investigations, professional standards, planning, accreditation, crime prevention and analysis, central records, communications, criminalistics and property/maintenance services. The Department's field operations program consists of six operating elements - patrol, traffic, special operations, canine, alcohol patrol, and animal control. This program conducts a broad spectrum of field activities including responding to calls for service, suppressing disturbances, patrolling neighborhoods, enforcing criminal and traffic laws, investigating crimes, collecting and preserving evidence, and apprehending and arresting offenders. The special enforcement division includes traffic, special operations, alcohol enforcement, canine, and animal control. The traffic unit focuses on accident investigations, traffic direction, and enforcement of moving and parking violations. This division is responsible for promoting vehicular and pedestrian safety by collecting and analyzing accident data, conducting selective enforcement, identifying hazardous traffic conditions, and conducting traffic-engineering services. Traffic and crowd control planning, issuance of permits for special events, and administration of highway safety grants are performed by this unit. The special operations unit provides flexible police response to a variety of community problems. Efforts have focused on reducing noise ordinance violations in residential neighborhoods, impacting on Main Street problems of disorderly conduct and loitering, and curbing problems of underage consumption and alcohol-related violations by youth.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: POLICE	DIVISION: Traffic
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PROJECT NO: C0901	PROJECT TITLE: RADAR SPEED SIGNS
-------------------	----------------------------------

PROJECT LOCATION: various

PROJECT STATUS:          NEW: X          IN PRIOR PROGRAM:          IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 The Police Department is requesting three portable Speed Sentry signs and the necessary accessories. These portable speed signs allow quick installation at various locations throughout the City. The signs display vehicle speed and are used to slow down traffic and help in the reduction of accidents. The signs will also be used to collect traffic counts and information for speed surveys. Given that they are portable, the Police Department has determined that three units are sufficient to cover the entire city during a calendar year period. These devices will replace the speed trailer and the traffic classifiers, which are aging and involve significantly more time to set up and transfer from one location to another.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	6 Years	Materials	\$14,000
Est. Total Cost	\$14,000	Other Contracts	
First Year in Program	2009	Total Project Cost	\$14,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	14,000					14,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	14,000	-	-	-	-	14,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: POLICE	DIVISION:
PROJECT NO: C0902	PROJECT TITLE: CARPET REPLACEMENT

PROJECT LOCATION: Police headquarters

PROJECT STATUS: NEW: x IN PRIOR PROGRAM: IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

The carpeting in the administration and criminal sections of the police facility has never been replaced and is now nearly 14 years old. All other carpeting throughout the facility has been replaced. The carpets are tattered and seams are fraying, which creates a safety hazard. The carpet in Captain Potts' office has sustained water damage on a continuous basis due to the roof leak. The estimated cost also includes professional removal and reinstallation of the workstations and other office furniture.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	10 years	Materials	
Est. Total Cost	\$30,000	Other Contracts	\$30,000
First Year in Program	2009	Total Project Cost	\$30,000

**PLANNED FINANCING OF PROJECT**

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		30,000				30,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	30,000	-	-	-	30,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: POLICE	DIVISION:
PROJECT NO: C0903	PROJECT TITLE: MOTOROLA 800 MHZ PORTABLE RADIOS

PROJECT LOCATION: Various			
PROJECT STATUS:	NEW: X	IN PRIOR PROGRAM:	IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 The Motorola 800Mhz radios were purchased in 1998 and have a 10-year life expectancy. Repair costs are escalating and parts for these radios are no longer available. Therefore, it will be necessary to replace the existing radios over a two-year period by purchasing 25 portable radios in 2009 and 25 in 2010.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	10 years	Materials	\$200,000
Est. Total Cost	\$200,000	Other Contracts	
First Year in Program	2009	Total Project Cost	\$200,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	100,000	100,000				200,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	100,000	100,000	-	-	-	200,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: POLICE	DIVISION:
PROJECT NO: C0802	PROJECT TITLE: Repairs to Leaks in the basement of the Police Dept. facility

PROJECT LOCATION: POLICE DEPARTMENT

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 The Police Department facility has experienced leaks in several areas of the basement for several years, including two storage areas and the room that houses our back-up generators. The leaks have now caused a deterioration (severe rusting) of the roof/floor decking in these areas. The extent of repairs is not known at this time however a site visit by our Public Works and Building Directors and a local structural engineering firm resulted in the need for further investigation that would identify repair solutions/cost estimates for each of the areas. The initial investigation will be performed in 2008 at a time and expense cost of \$1,600. FY2009 Capital Funding is therefore necessary to perform the recommended repairs, some of which may be completed using city personnel. Although a firm cost estimate will not be available until early summer, it is believed that \$20,000 will be sufficient to complete the work.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	30 yrs	Materials	
Est. Total Cost	\$20,000	Other Contracts	20,000
First Year in Program	2008	Total Project Cost	20,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: POLICE	DIVISION:
PROJECT NO: C0702	PROJECT TITLE: LABORATORY FUMING CHAMBER

PROJECT LOCATION: POLICE DEPARTMENT

PROJECT STATUS:            NEW:            IN PRIOR PROGRAM: X            IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

The current fuming chamber is outdated and limits the evidence technician's ability to obtain quality fingerprints because of its size. It is recommended that the Department purchase a model that is ductless and requires no installation to enhance identification of latent fingerprints.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	10 YRS	Materials	11,000
Est. Total Cost	\$11,000	Other Contracts	
First Year in Program	2007	Total Project Cost	11,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		11,000				11,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	11,000	-	-	-	11,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Police DIVISION:

PROJECT NO: CEQSF PROJECT TITLE: Equipment Replacement Program

PROJECT LOCATION:

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
Planned advanced funding through depreciation to replace essential equipment when necessary. See attached schedule.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	Ongoing	Labor	
Est. Useful Life	Various	Materials	
Est. Total Cost	712,050	Other Contracts	712,050
First Year in Program	Ongoing	Total Project Cost	712,050

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT	73,000	285,200	120,600	187,250	46,000	712,050
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	73,000	285,200	120,600	187,250	46,000	712,050

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013**  
**POLICE DEPARTMENT**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2009	2010	2011	2012	2013
921	2003 Ford Crown Victoria	07/02/03	19,938	24,000	65,000	7	2010		24,600			
924	2004 Ford Crown Victoria	04/07/04	19,789	30,000	65,000	7	2011			26,000		
927	2006 Ford Crown Victoria	08/11/06	23,093	3,500	75,000	8	2014					
	PATROL											
900	2006 Dodge Charger Sedan	06/23/06	23,342	41,000	75,000	5	2012				27,000	
918	2004 Ford Crown Victoria	05/06/04	19,789	61,000	75,000	3	2009	24,000				
923	2005 Ford Crown Victoria	03/21/05	25,010	34,000	75,000	5	2010		24,600			
925	2004 Ford Crown Victoria	05/06/04	19,789	62,000	75,000	5	2010		24,600			
910	2004 Ford Crown Victoria	05/06/04	19,789	40,000	75,000	5	2011			26,000		
905	2003 Ford Crown Victoria	05/24/02	20,293	94,000	115,000	4	2015					
914	2005 Ford Crown Victoria	03/21/05	24,568	21,000	75,000	5	2010		24,600			
926	2005 Ford Crown Victoria	03/21/05	24,974	36,000	75,000	5	2010		24,600			
928	2005 Ford Crown Victoria	03/21/05	25,010	33,000	75,000	3	2011			26,000		
929	1999 Ford Crown Victoria	07/30/99	21,018	80,000	100,000	4	2015					
906	2003 Ford Crown Victoria	05/24/02	20,293	85,000	105,000	5	2015					
907	2006 Ford Crown Victoria	05/05/06	23,351	7,900	75,000	5	2012				26,650	
909	2006 Ford Crown Victoria	06/30/06	24,725	11,000	75,000	5	2012				26,650	
915	2004 Ford Crown Victoria	05/06/04	19,789	49,000	75,000	5	2010		24,600			
931	2003 Dodge Durango	05/23/03	19,000	49,000	75,000	4	2010		24,600			
935	2006 Ford Crown Victoria	06/30/06	28,743	7,400	75,000	5	2012				26,650	
936	2006 Ford Crown Victoria	07/21/06	24,709	13,000	75,000	5	2012				26,650	
937	2006 Ford E-350 Super Van	12/08/06	77,395	300	75,000	9	2015					
991	1998 Dodge Ram F15 Pickup	03/20/98	23,950	80,000	100,000	9	2009	25,000				
	CRIMINAL											
912	2003 Ford Crown Victoria	07/02/03	19,938	26,000	65,000	7	2010		24,600			
922	2003 Ford Crown Victoria	05/24/02	20,293	39,000	65,000	7	2012				26,650	
920	1999 Ford Crown Victoria	07/30/99	19,617	68,000	75,000	8	2011			26,000		
913	2003 Ford Crown Victoria	07/02/03	19,938	45,000	65,000	7	2010		24,600			
911	2003 Ford Crown Victoria	07/02/03	19,938	21,000	65,000	7	2010		24,600			
932	2004 Ford 15 Passenger Van	03/19/04	19,307	3,600	75,000	7	2014					
938	2005 Ford Excursion	01/28/08	N/A	N/A	N/A	N/A	N/A					
990	1997 Oldsmobile 88 - undercover		11,775	142,000	---	N/A	N/A					
	TRAFFIC											
908	2003 Dodge Durango	05/23/03	19,000	63,000	90,000	5	2010		22,200			25,000
934	2006 Dodge Durango	03/02/06	21,545	6,100	75,000	5	2013					
916	2003 Chevrolet S-10 Pickup	06/06/03	12,338	50,000	80,000	8	2011			16,600		
917	2006 Dodge Charger	10/13/06	23,470	3,000	75,000	5	2012				27,000	
919	2001 Chevrolet S-10 Pickup	04/27/01	13,764	68,000	90,000	6	2010		17,000			
902	2005 Harley Davidson	06/24/05	5,911	3,500	80,000	8	2013					7,000
903	2005 Harley Davidson	06/24/05	5,911	4,400	80,000	8	2013					7,000
904	2005 Harley Davidson	05/20/05	5,911	1,400	80,000	8	2013					7,000
930	2003 Ford Crown Victoria	05/24/02	20,293	73,000	100,000	5	2009	24,000				
TAL POLICE DEPARTMENT								\$73,000	\$285,200	\$120,600	\$187,250	\$46,000

## CITY OF NEWARK, DELAWARE

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING				
			2009	2010	2011	2012	2013
			TOTAL				
K0901	\$0	\$22,000	\$0	\$0	\$0	\$0	\$22,000
K0902	0	21,500	0	0	0	0	21,500
K0903	0	36,500	0	0	0	0	36,500
K0904	0	0	76,000	0	0	0	76,000
K0905	0	0	57,000	0	0	0	57,000
K0906	0	0	21,500	0	0	0	21,500
K0907	0	0	0	18,700	0	0	18,700
K0908	0	0	0	32,000	0	0	32,000
K0909	0	0	0	82,000	0	0	82,000
K0910	0	0	0	0	112,200	0	112,200
K0911	0	0	0	0	0	49,500	49,500
K0912	0	0	105,000	0	0	0	105,000
K0913	0	0	0	29,000	0	0	29,000
K0914	0	0	0	21,900	0	0	21,900
K0915	0	20,000	0	0	0	0	20,000
K0801	10,000	0	0	0	0	0	10,000
K0804	84,000	64,000	0	0	0	0	148,000
K0701	8,500	0	0	0	0	0	8,500
K0707	0	20,000	0	0	0	0	20,000
K0603	42,800	0	0	0	0	0	42,800
K0604	0	0	0	50,000	0	0	50,000
K0605	0	0	0	0	0	0	0
K0606	22,000	0	61,000	0	0	0	83,000
K0501	18,000	0	0	0	0	0	18,000
K0305	20,000	0	0	0	0	0	20,000
K9202	19,000	0	0	0	0	0	19,000
KEQSF	0	46,500	155,800	254,200	57,900	0	514,400
Total Parks & Recreation			\$230,500	\$476,300	\$593,800	\$170,100	\$1,520,200
CURRENT RESOURCES			\$56,375	\$320,500	\$339,600	\$112,200	\$878,175
CAPITAL RESERVES			0	0	0	0	0
EQUIPMENT REPLACEMENT			46,500	155,800	254,200	57,900	514,400
BOND ISSUES			0	0	0	0	0
GRANTS			127,625	0	0	0	127,625
OTHER FINANCING SOURCES			0	0	0	0	0
			\$230,500	\$476,300	\$593,800	\$170,100	\$1,520,200

## **PARKS AND RECREATION**

The Parks and Recreation Department directs and supervises all recreation and horticulture programs, facilities, and operations, including facilities planning and maintenance as well as overseeing the design, renovation and construction of facilities such as playgrounds, athletic fields, parks and buildings. The Department's recreation services program provides year-round recreation programs and leisure activities to Newark residents and the surrounding community. The parks maintenance program maintains parks and facilities encompassing 558 acres, 30 parks, 46 open space sites, valley stream areas and eleven miles of trails.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION		DIVISION:	
PROJECT NO: K0901	PROJECT TITLE: PARK AND PLAY EQUIPMENT REPLACEMENT		
PROJECT LOCATION: HANDLOFF, DEVON, STAFFORD AND KELLS PARKS			
PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:
DESCRIPTION & JUSTIFICATION: REPLACE METAL SLIDING UNITS. THE SLIDES WERE INSTALLED FROM 1987 TO 1989. THE UNITS ARE BORDERLINE ACCEPTABLE PER INDUSTRY STANDARDS CREATED BY THE CPSC AND ASTM FOR SAFE USE. IN ADDITION TO THEIR AGE, THE METAL SLIDES GET VERY HOT TO THE POINT THAT THEY ARE, AT THE LEAST, UNCOMFORTABLE TO USE. THE REPLACEMENT SLIDES WILL BE PLASTIC OR COMPOSITE MATERIAL FULLY COMPLIANT WITH THE CPSC AND ASTM. IN-HOUSE INSTALLATION. ESTIMATED COST INCLUDES SAFETY SURFACING (WOOD CARPET), 8"X 8" SAFETY BOARD AND CONCRETE FOR FOOTERS. <b>NOTE:</b> I PLAN TO SUBMIT A DTF GRANT PROPOSAL FOR A 50% COST SHARE.			

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2009	Labor				
Est. Useful Life	12 YEARS	Materials		22,000		
Est. Total Cost	\$22,000	Other Contracts				
First Year in Program	2008	Total Project Cost		22,000		
<u>PLANNED FINANCING OF PROJECT</u>						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	11,000					11,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)	11,000					11,000
OTHER FINANCING SOURCES (Specify)						-
TOTAL	22,000	-	-	-	-	22,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0902	PROJECT TITLE: PLAY EQUIPMENT PURCHASE

PROJECT LOCATION: HANDLOFF AND DICKEY PARKS

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

WE HAVE RECEIVED REQUESTS FROM PARK USERS OF THESE TWO CITY PARKS TO INSTALL PLAY UNITS SPECIFICALLY DESIGNED AND CONSTRUCTED FOR CHILDREN AGES 2-5 YEARS. IN GENERAL WE HAVE VERY FEW UNITS (IN OUR PARK SYSTEM) DESIGNED FOR THIS AGE GROUP. A LONG RANGE OBJECTIVE IS TO ADD A FEW MORE. IN-HOUSE INSTALLATION. **NOTE:** I PLAN TO SUBMIT A DTF GRANT PROPOSAL FOR A 50% COST SHARE, AND A CDBG REQUEST FOR FUNDING AT DICKEY PARK.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	2009	Labor				
Est. Useful Life	12 YEARS	Materials			21,500	
Est. Total Cost	\$21,500	Other Contracts				
First Year in Program	2007	Total Project Cost			21,500	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	5,375					5,375
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)	16,125					16,125
OTHER FINANCING SOURCES (Specify)						-
TOTAL	21,500	-	-	-	-	21,500

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0903	PROJECT TITLE: PAVILION REPLACEMENT

PROJECT LOCATION: WHITE CHAPEL PARK

PROJECT STATUS:          NEW: X          IN PRIOR PROGRAM:          IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

WE WANT TO REPLACE THE PAVILION AT WHITE CHAPEL PARK. THE EXISTING PAVILION IS WELL USED BY NEIGHBORING RESIDENTS AND COULD RECEIVE INCREASED USAGE DUE TO THE CONSTRUCTION OF FOUNTAINVIEW. THE PAVILION IS SHOWING SIGNIFICANT RUSTING AT AND BELOW GROUND LEVEL. IT IS NOT A HAZARD AT THIS POINT, BUT WILL ABSOLUTELY HAVE TO COME DOWN IN 2009. I PLAN TO REQUEST FUNDING FOR THIS PROJECT IN THE 35TH YEAR CDBG PROGRAM. IF CDBG FUNDING IS SECURED CIP FUNDING WILL NOT BE NECESSARY.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	15 YEARS	Materials	
Est. Total Cost	\$36,500	Other Contracts	36,500
First Year in Program	2009	Total Project Cost	36,500

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)	36,500					36,500
OTHER FINANCING SOURCES (Specify)						-
<b>TOTAL</b>	<b>36,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36,500</b>



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0904	PROJECT TITLE: RESERVOIR OVERLOOK AND TRAILHEAD INFORMATION SITES

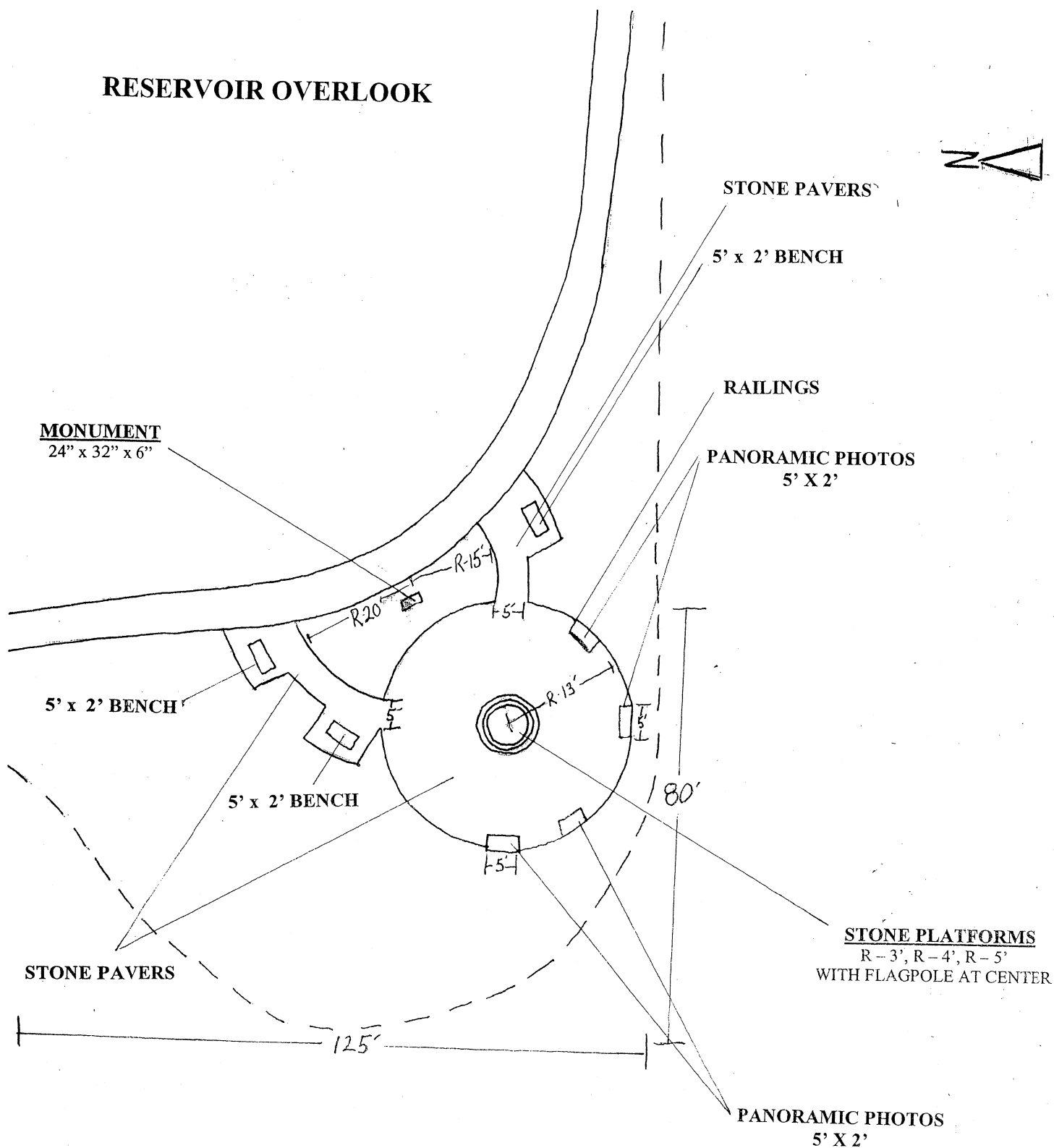
PROJECT LOCATION: NEWARK RESERVOIR

PROJECT STATUS:          NEW: X          IN PRIOR PROGRAM:          IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 DESIGN, DEVELOPMENT, CONSTRUCTION AND INSTALLATION OF AN "OVERLOOK AREA" ON THE UPPER CREST AND A "TRAILHEAD/INFORMATION AREA" NEAR THE PARKING LOT AREA. TO FEATURE PANORAMIC PHOTOS, RAILINGS, FLAGPOLE, BENCHES AND INFORMATION KIOSKS HIGHLIGHTING WATER RESOURCE INFORMATION AND HISTORY, AREA RECREATION FEATURES, MAPPING, AERIAL PHOTOS, ETC. THE PROJECT IS ELIGIBLE FOR DTF FUNDING. I PLAN TO SUBMIT A GRANT PROPOSAL (50% MATCH) DURING THE APPROPRIATE GRANT CYCLE. CONCEPT DESIGNS INCLUDED.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	25 YEARS	Materials (LANDSCAPING)	1,000
Est. Total Cost	\$76,000	Other Contracts	75,000
First Year in Program	2009	Total Project Cost	76,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		76,000				76,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL		76,000				76,000

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# RESERVOIR TRAILHEAD INFORMATION AREA



## NOTE

STRUCTURE DESIGN AND  
COLORS TO MATCH PUMPHOUSE

STRUCTURE  
20' LENGTH  
9' WIDTH

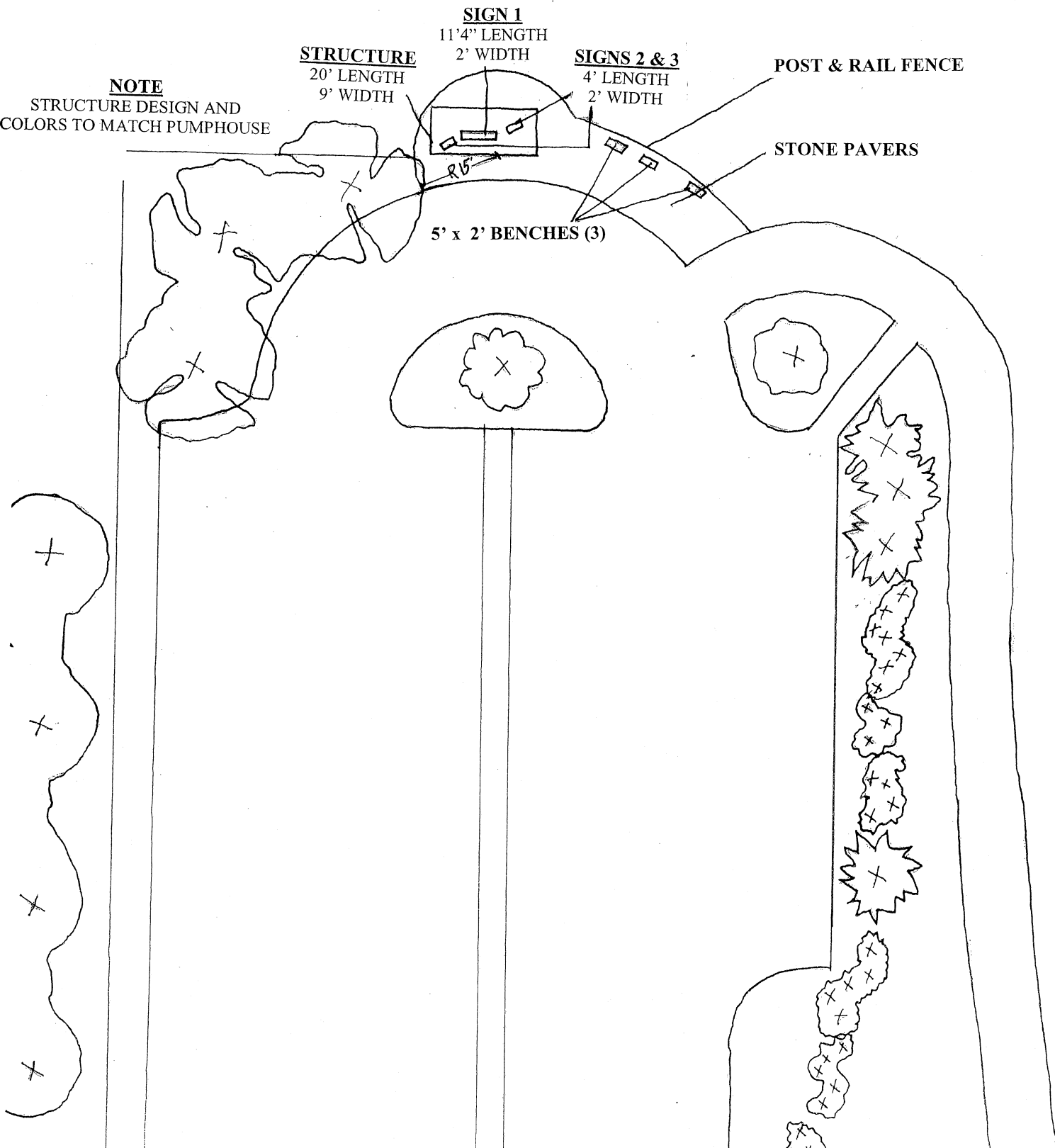
SIGN 1  
11'4" LENGTH  
2' WIDTH

SIGNS 2 & 3  
4' LENGTH  
2' WIDTH

POST & RAIL FENCE

STONE PAVERS

5' x 2' BENCHES (3)



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0905	PROJECT TITLE: MAJOR MAINTENANCE TO BASKETBALL COURT AND PARKING LOT

PROJECT LOCATION: KELLS PARK

PROJECT STATUS:          NEW:                      IN PRIOR PROGRAM: X                      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

THE BASKETBALL COURT AREA AND PARKING LOT WILL REQUIRE AN ASPHALT OVERLAY AND RE-LINING. THE AREAS WERE ORIGINALLY CONSTRUCTED IN 1973 AND RECEIVED AN OVERLAY IN 1990. CRACKING IS PREVELANT. WE HAVE AND WILL CONTINUE TO FILL CRACKS AS NEEDED TO MAKE THE BASKETBALL COURT SAFE FOR USE UNTIL RESURFACING OCCURS.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	20 YEARS	Materials (LANDSCAPING IN-HOUSE)	
Est. Total Cost	\$57,000	Other Contracts	57,000
First Year in Program	2007	Total Project Cost	57,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		57,000				57,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL		57,000	-	-	-	57,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0906	PROJECT TITLE: MAJOR MAINTENANCE TO BASKETBALL COURT

PROJECT LOCATION: ELAN PARK			
PROJECT STATUS:	NEW:	IN PRIOR PROGRAM: X	IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 THE BASKETBALL COURT WILL REQUIRE AN ASPHALT OVERLAY AND RE-LINING. THE COURT WAS ORIGINALLY CONSTRUCTED IN 1990. CRACKING AND SETTLING ARE PREVELANT. WE HAVE AND WILL CONTINUE TO FILL CRACKS AS NEEDED TO MAKE THE COURT SAFE FOR USE UNTIL RESURFACING OCCURS.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	20 YEARS	Materials	
Est. Total Cost	\$21,500	Other Contracts	21,500
First Year in Program	2007	Total Project Cost	21,500

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		21,500				21,500
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL		21,500	-	-	-	21,500

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION

DIVISION:

PROJECT NO: K0907

PROJECT TITLE: MAJOR MAINTENANCE TO TENNIS COURTS

PROJECT LOCATION: FAIRFIELD, PHILLIPS AND WILSON PARKS

PROJECT STATUS:

NEW:

IN PRIOR PROGRAM: X

IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

COURT SERVICES NEED TO BE RESEALED WITH A NEW COLORCOATING APPLIED AND RE-LINED. COLORCOATING AND LINES ARE FADING AND A FEW CRACKS MUST BE CLEANED, FILLED AND SEALED. WE TYPICALLY RESEAL, COLORCOAT AND RE-LINE TENNIS COURTS EVERY 8 TO 10 YEARS DEPENDING ON SURFACE WEAR. THESE COURT SURFACES HAVE HELD UP EXCEPTIONALLY WELL, BUT NOW NEED ATTENTION.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	2011	Labor				
Est. Useful Life	9 YEARS	Materials				
Est. Total Cost	\$18,700	Other Contracts			18,700	
First Year in Program	2007	Total Project Cost			18,700	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			18,700			18,700
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL			18,700			18,700

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION		DIVISION:
PROJECT NO: K0908	PROJECT TITLE: PLAY EQUIPMENT PURCHASE	

PROJECT LOCATION: RITTENHOUSE, PHILLIPS AND STAFFORD PARKS

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 CONTINUATION OF OUR LONG RANGE GOAL TO ADD MORE PLAY UNITS FOR AGES 2-5 YEARS IN OUR PARK SYSTEM. THE VAST MAJORITY OF OUR PARK PLAY EQUIPMENT IS DESIGNED FOR USE BY CHILDREN AGES 5-12 YEARS. IN-HOUSE INSTALLATION. IN 2011 I WILL SUBMIT A PROPOSAL TO DTF FOR A 50% COST SHARE.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	2011	Labor				
Est. Useful Life	12 YEARS	Materials			32,000	
Est. Total Cost	\$32,000	Other Contracts				
First Year in Program	2008	Total Project Cost			32,000	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			32,000			32,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL			32,000			32,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0909	PROJECT TITLE: MAJOR MAINTENANCE TO BASKETBALL COURT AREA AND PARKING LOTS

PROJECT LOCATION: FAIRFIELD PARK (BASKETBALL AND PARKING LOT) LEWIS PARK (PARKING LOT)

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 THE BASKETBALL COURT AREA, PARKING LOT AND ACCESS ROAD AT FAIRFIELD AND THE PARKING LOT AT LEWIS WILL REQUIRE AN ASPHALT OVERLAY AND RE-LINING. THE AREAS WERE ORIGINALLY CONSTRUCTED IN 1991 (FAIRFIELD PARKING LOT), 1993 (FAIRFIELD BASKETBALL COURT AREA) AND 1991 (LEWIS PARKING LOT). CRACKING IS PREVELANT. WE HAVE AND WILL CONTINUE TO FILL CRACKS AS NEEDED TO MAKE THE BASKETBALL COURT SAFE FOR USE UNTIL RE-SURFACING OCCURS. OUR BASKETBALL COURTS ARE TYPICALLY RE-SURFACED (ASPHALT) EVERY 18 TO 24 YEARS AND PARKING LOTS EVERY 20-25 YEARS.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	
Est. Useful Life	20 YEARS	Materials	
Est. Total Cost	\$82,000	Other Contracts	82,000
First Year in Program	2007	Total Project Cost	82,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			82,000			82,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL			82,000			82,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION

DIVISION:

PROJECT NO: K0910

PROJECT TITLE: MAJOR MAINTENANCE TO BASKETBALL COURT AND PARKING LOTS

PROJECT LOCATION: GEORGE WILSON PARK

PROJECT STATUS:

NEW:

IN PRIOR PROGRAM: X

IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

THE BASKETBALL COURT AND PARKING LOTS WILL REQUIRE AN ASPHALT OVERLAY AND RE-LINING. THE AREAS RECEIVED AN OVERLAY IN 1992 (PARKING LOT) AND 1994 (BASKETBALL COURT). CRACKING IS PREVELANT. WE HAVE AND WILL CONTINUE TO FILL CRACKS AS NEEDED TO MAKE THE BASKETBALL COURT SAFE FOR USE UNTIL RE-SURFACING OCCURS. OUR BASKETBALL COURTS ARE TYPICALLY RESURFACED (ASPHALT) EVERY 18 TO 24 YEARS AND PARKING LOTS EVERY 20 TO 25 YEARS.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2012	Labor				
Est. Useful Life	20 YEARS	Materials				
Est. Total Cost	\$112,200	Other Contracts		112,200		
First Year in Program	2008	Total Project Cost		112,200		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES				112,200		112,200
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL				112,200		112,200

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION

DIVISION:

PROJECT NO: K0911

PROJECT TITLE: MAJOR MAINTENANCE TO HARD SURFACE TRAIL

PROJECT LOCATION: FOLK MEMORIAL PARK

PROJECT STATUS:

NEW:

IN PRIOR PROGRAM: X

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

THE TRAIL WAS ORIGINALLY CONSTRUCTED IN 2003. DUE TO COST CUTTING NEEDS, AT THE TIME, WE REDUCED THE ASPHALT TRAIL FROM A 3-1/2" ASPHALT SURFACE TO A 2" ASPHALT SURFACE. EVEN THOUGH IN 2013 THE TRAIL WILL ONLY BE TEN (10) YEARS OLD WE FEEL CERTAIN RESURFACING WILL BE NECESSARY TO PROVIDE A SAFE RECREATION PATH. THIS PROJECT WILL ENTAIL APPLYING A 2" ASPHALT OVERLAY ON THE .41 MILE TRAIL.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2013	Labor				
Est. Useful Life	20 YEARS	Materials				
Est. Total Cost	\$49,500	Other Contracts		49,500		
First Year in Program	2008	Total Project Cost		49,500		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES					49,500	49,500
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL					49,500	49,500

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K09012	PROJECT TITLE: MAINTENANCE FACILITY UPGRADE

PROJECT LOCATION: NEWARK COUNTRY CLUB SITE

PROJECT STATUS: NEW: X IN PRIOR PROGRAM: IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

TAKE OVER OF NEWARK COUNTRY CLUB MAINTENANCE FACILITIES AND MOVE PARK AND HORTICULTURE OPERATIONS TO THE SITE. NECESSARY SITE IMPROVEMENTS:

1. PERIMETER FENCING AND GATE SYSTEM: +/- 1250 LINEAR FEET
2. FIRE SUPPRESSION SYSTEM FOR BUILDINGS
3. MATERIAL STORAGE BINS FOR TOPSOIL, MULCH AND WOODCARPET
4. FUEL TANKS (TWO 500-GAL): ONE DIESEL AND ONE GASOLINE
5. BUILDING SECURITY SYSTEM
6. PARKING IMPROVEMENTS

IF THIS ACQUISITION OCCURS, OTHER LESSOR BUT NECESSARY COSTS WILL BE REFLECTED IN FUTURE OPERATING BUDGETS.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	2010	Labor				
Est. Useful Life	40 YEARS	Materials				
Est. Total Cost	\$211,000	Other Contracts			211,000	
First Year in Program	2009	Total Project Cost			211,000	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		105,000	106,000			211,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	105,000	106,000	-	-	211,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K09013	PROJECT TITLE: PICKUP TRUCK WITH SNOW PLOW ATTACHMENT

PROJECT LOCATION: PARKS

PROJECT STATUS:          NEW: X          IN PRIOR PROGRAM:          IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

IN ANTICIPATION OF TAKING ON NEW AREAS OF RESPONSIBILITY (93 ADDITIONAL ACRES OF PARKLAND AND THE POMEROY TRAIL) WE WILL NEED AN ADDITIONAL PICKUP TRUCK FOR PARKS PERSONNEL.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	
Est. Useful Life	8 YEARS	Materials	
Est. Total Cost	\$29,000	Other Contracts	29,000
First Year in Program	2009	Total Project Cost	29,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			29,000			29,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL			29,000			29,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K09014	PROJECT TITLE: 72" RIDING MOWER

PROJECT LOCATION: PARKS			
PROJECT STATUS:	NEW: X	IN PRIOR PROGRAM:	IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 IN ANTICIPATION OF TAKING ON NEW AREAS OF RESPONSIBILITY (93 ACRES OF PARKLAND AND THE POMEROY TRAIL) WE WILL NEED AN ADDITIONAL 72" CUT RIDING MOWER.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	
Est. Useful Life	5 YEARS	Materials	
Est. Total Cost	\$21,900	Other Contracts	21,900
First Year in Program	2009	Total Project Cost	21,900

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			21,900			21,900
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL			21,900			21,900

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0915	PROJECT TITLE: JAMES F HALL TRAIL FOOTBRIDGE REPLACEMENT

PROJECT LOCATION: PHILLIPS PARK

PROJECT STATUS:          NEW: X                  IN PRIOR PROGRAM:                                  IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

THE HALL TRAIL FOOTBRIDGE IN PHILLIPS PARK WAS LIFTED AND DAMAGED DURING HURRICANE FLOYD (SEPTEMBER 1999). SINCE THEN WE HAVE MADE SEVERAL REPAIRS. THE BRIDGE WILL NEED TO BE REPLACED SOON. THE EXISTING BRIDGE DIMENSIONS ARE 80' LONG AND 8' WIDE. I ANTICIPATE THE REPLACEMENT BRIDGE WILL BE A SIMILAR LENGTH AND WIDTH. IN-HOUSE INSTALLATION WITH THE ASSISTANCE OF DELAWARE STATE PARKS TRAIL CREW PERSONNEL.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	20 YEARS	Materials	20,000
Est. Total Cost	\$20,000	Other Contracts	
First Year in Program	2009	Total Project Cost	20,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION      DIVISION:

PROJECT NO: K0804      PROJECT TITLE: TRAIL IMPROVEMENTS

PROJECT LOCATION: WILLIAM REDD PARK

PROJECT STATUS:      NEW:      IN PRIOR PROGRAM: X      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 THE TRAIL/SEWER MAINTENANCE ROAD LOCATED ON THE WEST SIDE OF JENNY'S RUN REQUIRES IMPROVEMENTS. FOR A GOOD PART OF THE YEAR THE TRAIL IS VERY WET AND SOFT DUE TO POOR DRAINAGE. WE REQUESTED AND WERE APPROVED DELAWARE LAND AND WATER CONSERVATION TRUST FUND (DTF) GRANT FUNDING IN THE AMOUNT OF \$42,000 IN 2008. WE ALSO REQUESTED GRANT FUNDING IN THE AMOUNT OF \$42,000 FROM THE NEW CASTLE CONSERVATION DISTRICT. THEY WERE ONLY ABLE TO AWARD \$10,000 IN 2008. WE WILL COMPLETE AS MUCH OF THE PROJECT AS POSSIBLE USING \$20,000 IN 2008 AND COMPLETE IT IN 2009. THE DTF FUNDING WILL CARRY OVER AND I WILL ONCE AGAIN REQUEST DISTRICT FUNDING THAT WILL SERVE AS OUR LOCAL MATCH.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	20 YEARS	Materials	
Est. Total Cost	\$64,000	Other Contracts	64,000
First Year in Program	2008	Total Project Cost	64,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)	64,000					64,000
OTHER FINANCING SOURCES (Specify)						-
TOTAL	64,000	-	-	-	-	64,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
PROJECT NO: K0707	PROJECT TITLE: ENTRANCE GATE

PROJECT LOCATION: RITTENHOUSE PARK

PROJECT STATUS:            NEW:                    IN PRIOR PROGRAM: X                                    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 BASED ON CITIZEN AND COUNCILMEMBER REQUESTS, WE WANT TO INSTALL AN ELECTRONIC GATE (SIMILAR TO FOLK PARK) AT THE WEST CHESTNUT HILL ROAD ENTRANCE TO RITTENHOUSE PARK. THE GATE WILL OPERATE ON A TIMING DEVICE TO RAISE AT DAWN AND LOWER AT DUSK TO RESTRICT VEHICLE ACCESS AFTER HOURS. BECAUSE OF THE SECLUDED NATURE OF THE ENTRANCE AND PARKING AREA PARKS AND POLICE PERSONNEL HAVE HAD TO DEAL WITH FREQUENT NIGHTTIME COMPLAINTS. THE GATE WOULD BE INSTALLED CONTRACTUALLY AND THE ELECTRIC CONNECTION DONE IN-HOUSE.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	1,000
Est. Useful Life	15 YEARS	Materials	
Est. Total Cost	\$20,000	Other Contracts	19,000
First Year in Program	2007	Total Project Cost	20,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-		-	-	20,000



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION

DIVISION:

PROJECT NO: K0604

PROJECT TITLE: TRAIL IMPROVEMENTS

PROJECT LOCATION: KERSHAW PARK

PROJECT STATUS:

NEW:

IN PRIOR PROGRAM: X

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

CREATE A HARD SURFACE LINK TO THE POMEROY TRAIL THROUGH KERSHAW PARK AND MAKE PARKING IMPROVEMENTS ON THE SOUTH SIDE OF THE WHITE CLAY CREEK AT PAPER MILL ROAD. WORK WITH DELAWARE STATE PARKS AND THEIR DELAWARE LAND AND WATER CONSERVATION TRUST FUND GRANT PROGRAM FOR POSSIBLE FUNDING ASSISTANCE. PROPERTY ACQUISITION COULD BE NECESSARY.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	2011	Labor				
Est. Useful Life	20 YEARS	Materials				
Est. Total Cost	\$50,000	Other Contracts		50,000		
First Year in Program	2006	Total Project Cost		50,000		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			50,000			50,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	-	50,000	-	-	50,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION	DIVISION:
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PROJECT NO: K0605	PROJECT TITLE: ENLARGE VEHICLE STORAGE POLE SHED
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PROJECT LOCATION: CITY YARD, PARK MAINTENANCE AREA

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 EXPAND POLE SHED FROM FIVE (5) TO SEVEN (7) BAYS AND EXTEND THE ENTIRE ROOF FORWARD EIGHT (8) FEET. WE WANT TO BE ABLE TO PARK MORE OF OUR VEHICLES AND LARGE MOWERS UNDER THE SHED, OUT OF THE WEATHER, PROTECTING THEM FROM THE ELEMENTS. THE PROJECT WOULD INCLUDE A SURFACE SUB-BASE AND ASPHALT FINISH FOR EACH NEW BAY. NOW WHEN VEHICLES ARE PARKED IN THE POLE SHED, APPROXIMATELY ONE-FOURTH OF THE VEHICLE IS OUTSIDE OF THE ROOF LINE. OFTEN TIMES WE LOAD VEHICLES (IN ADVANCE) FOR EVENTS OR PROJECTS. THE ABILITY TO THEN PLACE THEM UNDER COVER WILL HELP TO KEEP EQUIPMENT AND SUPPLIES DRY.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	40 YEARS	Materials	
Est. Total Cost	\$61,000	Other Contracts	61,000
First Year in Program	2006	Total Project Cost	61,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		61,000				61,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	61,000	-	-	-	61,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS & RECREATION		DIVISION:	
PROJECT NO: KEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM		
PROJECT LOCATION:			
PROJECT STATUS:      NEW:		IN PRIOR PROGRAM: X	
IN PROGRESS:			
DESCRIPTION & JUSTIFICATION: PLANNED ADVANCED FUNDING THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NEEDED. SEE ATTACHED SCHEDULE.			

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	ONGOING	Labor				
Est. Useful Life	VARIOUS	Materials				
Est. Total Cost	514,400	Other Contracts		514,400		
First Year in Program	ONGOING	Total Project Cost		514,400		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT	46,500	155,800	254,200	57,900	-	514,400
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	46,500	155,800	254,200	57,900	-	514,400

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013**  
**PARKS AND RECREATION DEPARTMENT**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS			
								2009	2010	2011	2012
1428	2002 Dodge Stratus	03/28/02	13,524	73,000	80,000	7	2011			16,600	
1431	2006 Ford F-250 Pick-up Truck	09/02/06	22,232	1,000	50,000	9	2015				
1437	1999 Dodge Caravan	05/28/99	15,551	40,000	70,000	8	2012				22,000
1426	2000 Chevy Pick-up	08/25/00	29,176	60,000	75,000	8	2010		35,400		
1435	2006 Ford F250 Pick-up Truck	05/05/06	18,467	7,000	55,000	8	2014				
1440	2003 Chevrolet Pickup	05/23/03	17,238	36,000	85,000	8	2011			21,500	
1430	1999 Ford F-250 SD	06/26/98	20,780	68,000	100,000	9	2009	25,100			
1436	2002 Dodge Ram Pickup	05/03/02	24,053	31,000	85,000	8	2010		28,600		
1434	2003 Chevrolet Pickup	06/13/03	20,032	27,000	85,000	9	2012				25,900
1433	2001 Ford F-550 Dump Truck	11/17/00	52,553	37,000	70,000	8	2011			64,500	
1439	1995 E-250 Pick-up Truck	07/19/95	28,943	84,000	--	N/A	N/A				
1414	2004 Jacobsen HR-9016 Riding Mower	01/01/04	58,795	---	---	5	2011			71,600	
1415	2002 16' Cut Bat Wing Mower	05/09/02	60,500	1138hrs	3,000hrs	5	2010		69,900		
1461	2001 John Deere Landscape Loader	02/09/01	62,000	---	---	10	2011			80,000	
1421	2003 Kubota 4WD Mower	10/03/03	18,920	900hrs	3,000hrs	5	2010		21,900		
1423	2002 Kubota Mower with Plow	04/25/02	17,341	1300hrs	3,000hrs	5	2009	21,400			
1424	2004 Hustler 25/54 Mower	01/01/04	7,811	---	---	10	2014				
1462	1994 John Deere Field Rake	02/11/94	7,595	---	---	12	2012				10,000
TOTAL PARKS AND RECREATION DEPARTMENT								\$46,500	\$155,800	\$254,200	\$57,900
											\$0

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**PARKING FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
V0901 Downtown Parking Garage Study	\$0	\$50,000	\$50,000	\$20,000,000	\$0	\$0	\$0	\$20,050,000
V0801 Pay on Foot Revenue Control-Lot#3	0	0	0	0	347,300	0	0	347,300
V0601 Proximity Card Installation-Lot#s 1 & 3	12,000	0	0	0	0	0	0	0
VEQSF Equipment Replacement Program	0	0	0	0	21,000	0	0	21,000
Total Parking Fund	\$12,000	\$50,000	\$50,000	\$20,000,000	\$368,300	\$0	\$0	\$20,418,300
CURRENT RESOURCES	\$12,000	\$50,000	\$50,000	\$0	\$347,300	\$0	\$0	\$397,300
CAPITAL RESERVES	0	0	0	0	0	0	0	0
EQUIPMENT REPLACEMENT	0	0	0	0	21,000	0	0	21,000
BOND ISSUES	0	0	0	0	0	0	0	0
GRANTS	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES	0	0	0	20,000,000	0	0	0	20,000,000
	\$12,000	\$50,000	\$50,000	\$20,000,000	\$368,300	\$0	\$0	\$20,418,300

## **PLANNING AND DEVELOPMENT**

The Planning Department regulates all land use and development in the City. The Department advises and makes recommendations to the City Manager, Planning Commission and City Council regarding physical development and the implementation of the City's Comprehensive Development Plan. The Department is responsible for recommending zoning and subdivision regulation revisions, reviewing building permit applications for zoning compliance, and administering the federal flood insurance program. The Department administers and reviews plans for annexations, rezonings, subdivisions, special use permits, historic preservation, and parking waivers. The Department also administers the City's Federal Housing and Urban Development Community Development Block Grant Program (CDBG). The Department, in addition, administers the Homebuyer Assistance, Live Near Your Work, and Promoting Owner-Occupancy of Homes (POOH) programs that are intended to increase home ownership within the City. The Department's economic development program supplements private sector initiatives to strengthen Newark's commercial and industrial vitality. The Department provides staff to the Downtown Newark Partnership, an organization established to advise City Council on matters concerning the economic improvement and enhancement of downtown Newark. The management of off-street parking facilities in Newark was transferred to the Department in 1998. The Department is responsible for overseeing, managing and supervising the services and facilities in the Parking Division. The Department, in 2008, also assumed responsibility for all street metering parking.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PLANNING	DIVISION: PARKING
PROJECT NO: V0901	PROJECT TITLE: DOWNTOWN PARKING GARAGE

PROJECT LOCATION: DOWNTOWN

PROJECT STATUS: NEW: X IN PRIOR PROGRAM: IN PROGRESS:

### DESCRIPTION & JUSTIFICATION:

Based on the results of the Parking Garage Needs Assessment Study, including the financial analyses, the Department is currently looking for a partner to help build a multi-level parking structure on a municipal lot in downtown Newark. Initial contacts have already taken place with property owners regarding a potential project. The Department needs to be poised to move forward with the planning and design phase of the project should these initial contacts prove fruitful. The requested 2009 funds would be used for site analysis, planning and design functions necessary for construction. Construction will follow in 2010. The Study indicated that \$20 million would be sufficient to construct a 750 space parking garage. Private participation will be solicited to fund the actual construction costs.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION			AMOUNT	
Est. Completion Date	2010	Labor				
Est. Useful Life	30 years	Materials				
Est. Total Cost	\$20,050,000	Other Contracts			20,050,000	
First Year in Program	2009	Total Project Cost			20,050,000	
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	50,000					50,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)		20,000,000				20,000,000
TOTAL	50,000	20,000,000	-	-	-	20,050,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PLANNING	DIVISION: PARKING
PROJECT NO: V0801	PROJECT TITLE: PAY ON FOOT REVENUE CONTROL - LOT #3

PROJECT LOCATION: LOT #3

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

### DESCRIPTION & JUSTIFICATION:

Based on the substantial increase in revenue resulting from automation of Lot #1, the next facility planned for integration and modernization is Lot #3. Implementation will significantly decrease labor costs (elimination of part-time cashiers), increase revenues, and improve security and financial control. Lot would be operated and bring in revenue 24 hours a day instead of the current 19.5 daily hours of operation. This project was previously submitted for 2009, but because the Parking Garage Needs Assessment Study concluded the City should be focusing its efforts on increasing the supply of parking spaces available downtown, and this project does not increase the inventory, we request that the project be deferred until 2011. The estimates in the original proposal have been adjusted for inflation. \$238,100 of the requested amount is for purchase and installation of parking equipment; \$109,200 of the requested amount is for required associated lot improvements - curbs, access lanes, signage, conduit, security cameras, etc. Telephone lines with DSL and connections to surveillance cameras will also be required.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2011	Labor	
Est. Useful Life	20 years	Materials	
Est. Total Cost	\$347,300	Other Contracts	347,300
First Year in Program	2008	Total Project Cost	347,300

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES			347,300			347,300
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	-	347,300	-	-	347,300



# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PLANNING

DIVISION: PARKING

PROJECT NO: VEQSF

PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM

PROJECT LOCATION:

PROJECT STATUS:

NEW:

IN PRIOR PROGRAM: X

IN PROGRESS:

DESCRIPTION & JUSTIFICATION:

PLANNED ADVANCED FUNDING THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NEEDED. SEE ATTACHED SCHEDULE.

### SUMMARY OF PROJECT DATA

### ESTIMATED PROJECT COST

#### CLASSIFICATION

#### AMOUNT

Est. Completion Date

ONGOING

Labor

Est. Useful Life

VARIOUS

Materials

Est. Total Cost

21,000

Other Contracts

21,000

First Year in Program

ONGOING

Total Project Cost

21,000

### PLANNED FINANCING OF PROJECT

#### SOURCE OF FUNDS

2009

2010

2011

2012

2013

TOTAL

CURRENT RESOURCES

-

CAPITAL RESERVES

-

EQUIPMENT REPLACEMENT

-

-

21,000

-

-

21,000

BOND ISSUES

-

GRANTS (Specify)

-

OTHER FINANCING SOURCES (Specify)

-

TOTAL

-

-

21,000

-

-

21,000

**CITY OF NEWARK, DELAWARE  
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013  
PLANNING DEPARTMENT, PARKING DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS			
								2009	2010	2011	2012 2013
1100	2003 Chevrolet Pickup	05/23/03	14,388	10,300	55,000	8	2011			21,000	
1101	2008 Ford Focus	02/26/08	11,281			8	2016				
TOTAL PARKING DIVISION								\$0	\$0	\$21,000	\$0 \$0

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2009-2012**  
**OTHER DEPARTMENTS-GENERAL FUND**

	2008 BUDGET	DEPARTMENT REQUEST 2009	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
			2009	2010	2011	2012	2013	
A0102								
F0801	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F0802	5,100	0	0	0	0	0	0	0
F0805	16,800	0	0	0	0	0	0	0
F0806	0	22,500	22,500	0	0	0	0	22,500
F0808	0	54,500	54,500	0	0	0	0	54,500
F0809	0	50,000	50,000	50,000	0	0	0	100,000
L0901	29,900	0	0	29,900	0	0	0	29,900
L0902	0	20,000	20,000	0	0	0	0	20,000
L0903	0	0	0	20,000	0	0	0	20,000
	40,200	0	0	22,800	0	0	0	22,800
			0	46,500	88,400	14,700	41,000	190,600
Total Other Departments	\$142,000	\$147,000	\$147,000	\$169,200	\$88,400	\$14,700	\$41,000	\$460,300
CURRENT RESOURCES								
CAPITAL RESERVES	\$85,800	\$147,000	\$147,000	\$122,700	\$0	\$0	\$0	\$269,700
EQUIPMENT REPLACEMENT	16,000	0	0	0	0	0	0	0
BOND ISSUES	40,200	0	0	46,500	88,400	14,700	41,000	190,600
GRANTS	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES	0	0	0	0	0	0	0	0
	\$142,000	\$147,000	\$147,000	\$169,200	\$88,400	\$14,700	\$41,000	\$460,300

## **FINANCE**

The Finance Department is responsible for revenue generation and collection, financial accountability and reporting, asset management, disbursements of funds, budgeting, customer service, and managing the City's information technology program. The budget process consists of two major parts, a five year capital budget program and the annual operating budget. The annual budget is a policy statement and legally binding control document setting forth the financial operations plan for the coming fiscal year. The capital program and operating budget are adopted by the City Council following the City Manager's review and a public hearing. The information technology program is responsible for the provision of all management information services including systems development and maintenance, operating the central data processing facility, performing all centralized data entry functions and developing, monitoring and improving data processing office automation and computer systems. The customer service program is responsible for providing assistance to utility customers in establishing and terminating service, answering billing and service inquiries, processing customer payments, managing delinquent utility accounts receivable, and providing customer education and information on city operations. A component of the customer service program is the meter reading function. The utility revenue management program is responsible for supporting the Delaware Municipal Electric Corporation (DEMEC), negotiating and administering water and sewer utility agreements with outside agencies, managing wholesale power purchase contracts, and accounting for and projecting utility consumption budgets.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: FINANCE	DIVISION: Information Technology
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PROJECT NO: F0805	PROJECT TITLE: eCare Harris Online Utility Bill Payment Interface
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PROJECT LOCATION: FINANCE

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 This project is for a Web Portal Interface from the Harris Utility Billing System so that customers can pay their Utility Bills online. This will reduce the amount of pay by phone calls, walk in payments and Lockbox payments our Customer Service Agents are receiving. Along with this project will be an annual maintenance fee of \$3,300.00 and a monthly processing fee of \$59.95 for 1000 transactions and \$0.10 cents per transaction over 1000 that would be added to the Operating Budget.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	12/2009	Labor	
Est. Useful Life	5 yrs	Materials	
Est. Total Cost	\$22,500	Other Contracts	22,500
First Year in Program	2008	Total Project Cost	22,500

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	22,500					22,500
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
<b>TOTAL</b>	<b>22,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22,500</b>

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: FINANCE		DIVISION: Information Technology	
PROJECT NO: F0806	PROJECT TITLE: Harris Utility Billing Software Upgrade		

PROJECT LOCATION: FINANCE

PROJECT STATUS:            NEW:                    IN PRIOR PROGRAM: X                                    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

This project is to upgrade our current version of the Harris Utility Billing System to the Harris Northstar 6.2 which is their most recent version. Northstar would continue to run on our existing Linux server but the client interface has been redeveloped to run as a native MS Windows application providing more enhanced features and true client server compatibility. Our current version is outdated and Harris will soon discontinue support unless we upgrade.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST				
		CLASSIFICATION		AMOUNT		
Est. Completion Date	12/2009	Labor				
Est. Useful Life	5 yrs	Materials				
Est. Total Cost	\$54,500	Other Contracts		54,500		
First Year in Program	2008	Total Project Cost		54,500		
PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	54,500					54,500
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	54,500	-	-	-	-	54,500

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: FINANCE		DIVISION: Information Technology
PROJECT NO: F0808	PROJECT TITLE: Wide Area Network	

PROJECT LOCATION: FINANCE

PROJECT STATUS: NEW: IN PRIOR PROGRAM: X IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 This project is for a Wide Area Network also known as a WAN. The WAN would connect the City of Newark's warehouse and garage, Parking Office, Water Treatment Plant and the George Wilson Center to the City's Municipal Building. This WAN would allow Information Systems to house a server at an offsite location for real-time offsite server image backups. Also offsite workers would have the capability to share files, E-mail, Safari's Recreation enrollment and access the Munis Inventory System as well as other functions on the network. I am estimating the equipment cost and installation to be less than \$100,000. Once installed there would be an operation cost for the lease of the Fiber, Copper or T1 lines. This project would be implemented in two phases. The first being connectivity between the City Municipal building and the Warehouse. The second phase would be the connectivity of the Water Treatment Plant, Parking and the George Wilson Center.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	12/2009	Labor	
Est. Useful Life	5 yrs	Materials	
Est. Total Cost	\$100,000	Other Contracts	100,000
First Year in Program	2008	Total Project Cost	100,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	50,000	50,000				100,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	50,000	50,000	-	-	-	100,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: FINANCE		DIVISION: Information Technology
PROJECT NO: F0809	PROJECT TITLE: Cityview Software Release Update	

PROJECT LOCATION: FINANCE

PROJECT STATUS:            NEW:                            IN PRIOR PROGRAM: X    IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

Upgrade our current version of Cityview, MS-Jet, Rel 8.31 to Cityview Server, Rel. 8.3. A one time cost of \$12,000 is required to utilize the capabilities of Cityview Server and a \$2,400 Annual License fee would be required to use the SQL Server. These two fees are required to migrate to Release 9. Prior to migrating to Release 9, we would need to have a Readiness Assessment review done by Municipal Software Corporation to assess the current state of our software Forms, Reports, and expressions. The cost of the Readiness Assessment review is \$4,320 but this does not include the database clean-up. We have obtained an estimate of \$13,600 from one vendor to do the database clean-up described above. Municipal Software Inc. will also provide an estimate when they perform the Readiness Assessment guide. The estimated total cost to migrate to Release 9 and eventually a Web Server is \$29,920 and our Operating Budget would need to increase \$2,400.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	5 yrs	Materials	
Est. Total Cost	\$29,900	Other Contracts	29,900
First Year in Program	2008	Total Project Cost	29,900

**PLANNED FINANCING OF PROJECT**

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		29,900				29,900
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	29,900	-	-	-	29,900



## **CITY SECRETARY'S OFFICE**

The City Secretary's Office provides clerical, administrative, research and staff support to the Newark City Council and its appointed boards, commissions and committees. The City Secretary's Office serves as a liaison between the citizens and City Council. It oversees the agenda preparation of Council meetings, schedules meetings, advertises and provides public notification of hearings, and prepares the minutes of City Council and other committee meetings. In addition, this office conducts the final review and approval of applications for peddler/vendor licenses, commercial distributor's licenses, solicitation registrations, and lien certificate letters. Special activities, such as the annual employees recognition luncheon and various board receptions, are often headquartered in this office. This office is the recordkeeper of the City. Archival records, including the Charter, Newark Municipal Code, contracts, deeds, agreements, ordinances, resolutions, escrows and minutes of City Council meetings, as well as other routine administrative records, are managed by this office. The City Secretary is the main complaint officer for resolving cable television problems. The City Secretary's Office also serves as an arm of the legal section of the legislative branch of city government.

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: LEGISLATIVE	DIVISION:
PROJECT NO: L0901	PROJECT TITLE: Sound and Recording Systems

PROJECT LOCATION: Council Chamber

PROJECT STATUS: NEW: X IN PRIOR PROGRAM: IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**  
 Present system has had numerous repairs and it has been difficult to find someone to do the repairs. Due to the age of the system, continued repairs will be difficult. A new sound system will benefit the public attending meetings because they are presently unable to hear clearly comments made from the floor and at the table. The current recording system is several years old and replacement parts are limited. It is recommended that the recording system be updated to a digital recording system. The equipment would be valuable for recording of Council meetings, Planning Commission meetings, Board of Adjustment meetings, etc.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2009	Labor	
Est. Useful Life	10 years	Materials	
Est. Total Cost	\$20,000	Other Contracts	20,000
First Year in Program	2009	Total Project Cost	20,000

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES	20,000					20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	20,000	-	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: LEGISLATIVE	DIVISION:
PROJECT NO: L0902	PROJECT TITLE: Document Management System

PROJECT LOCATION: City Secretary's Office

PROJECT STATUS:      NEW: ☒      IN PRIOR PROGRAM      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

The City Secretary's Office is responsible for maintaining and protecting public records as well as providing access to records by the public. The purchase of this equipment would provide an efficient access to both past and present information in the City Secretary's files. This equipment will find information faster, protect documents and records, simplify agenda process, improve access to public records and streamline integration and deployment of files. The recommended software is Laserfiche which would include: software, annual software support, document scanning hardware, and the installation, training and support service that will be needed.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	10+ Years	Materials	
Est. Total Cost	\$20,000	Other Contracts	20,000
First Year in Program	2009	Total Project Cost	20,000

### PLANNED FINANCING OF PROJECT

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		20,000				20,000
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
<b>TOTAL</b>	-	20,000	-	-	-	20,000

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: LEGISLATIVE		DIVISION:
PROJECT NO: L0903	PROJECT TITLE:	
	IT Upgrade to Council Chamber	

PROJECT LOCATION: Council Chamber

PROJECT STATUS:      NEW: x      IN PRIOR PROGRAM:      IN PROGRESS:

**DESCRIPTION & JUSTIFICATION:**

This project involves the purchase of the following IT equipment: 10 business notebooks; 1 3Com wireless access point; 10 full version Microsoft Office Small Business; a motorized screen; and a ceiling mounted projector. This purchase will be the first step to move the City forward in the direction of electronic government with a secured wireless network installed in the Council Chamber. This system will allow Council members to connect his/her laptop to access the agenda and materials now contained in their packets. The equipment may also be used by other boards, committees, and commissions who use the Council Chamber for meetings. The projector and screen would enable the staff and the public to make power point presentations that would provide proper viewing accessibility by the public and those at the Council table. The information technology strategic plan for the City acknowledges the need for necessary training and support of its technology especially as it continues to be upgraded. This equipment would also be used during the day for IT training programs for City employees.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	2010	Labor	
Est. Useful Life	10+	Materials	
Est. Total Cost	\$22,800	Other Contracts	
First Year in Program	2010	Total Project Cost	-

**PLANNED FINANCING OF PROJECT**

SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES		22,800				22,800
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT						-
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	22,800	-	-	-	22,800

# CITY OF NEWARK, DELAWARE

## CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: OTHER DEPARTMENTS	DIVISION:
PROJECT NO: EQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM

PROJECT LOCATION:

PROJECT STATUS:      NEW:                      IN PRIOR PROGRAM: X                      IN PROGRESS:

DESCRIPTION & JUSTIFICATION:  
 PLANNED ADVANCED FUNDING THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NEEDED. SEE ATTACHED SCHEDULE.

SUMMARY OF PROJECT DATA		ESTIMATED PROJECT COST	
		CLASSIFICATION	AMOUNT
Est. Completion Date	ONGOING	Labor	
Est. Useful Life	VARIOUS	Materials	
Est. Total Cost	190,600	Other Contracts	190,600
First Year in Program	ONGOING	Total Project Cost	190,600

PLANNED FINANCING OF PROJECT						
SOURCE OF FUNDS	2009	2010	2011	2012	2013	TOTAL
CURRENT RESOURCES						-
CAPITAL RESERVES						-
EQUIPMENT REPLACEMENT	-	46,500	88,400	14,700	41,000	190,600
BOND ISSUES						-
GRANTS (Specify)						-
OTHER FINANCING SOURCES (Specify)						-
TOTAL	-	46,500	88,400	14,700	41,000	190,600

**CITY OF NEWARK, DELAWARE  
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2009 - 2013  
OTHER DEPARTMENTS**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 1/2008	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2009	2010	2011	2012	2013
<b>BUILDING DEPARTMENT:</b>												
804	2005 Dodge Neon Sedan	05/12/05	10,043	11,000	75,000	7	2012				14,700	
807	1999 Ford Crown Victoria					8	2016					
803	2001 Chevrolet Cavalier	02/09/01	11,397	42,000	85,000	7	2013					17,000
827	2004 Chevrolet Cavalier	04/22/04	9,962	14,000	85,000	7	2011			16,600		
836	2002 Jeep Liberty	04/26/02	18,541	40,000	75,000	7	2013					24,000
837	2000 Jeep Cherokee	05/26/00	18,814	35,000	75,000	8	2014					
839	2001 Jeep Cherokee	02/09/01	23,000	23,000	80,000	9	2010	21,500				
840	2001 Jeep Cherokee	02/09/01	18,814	18,000	75,000	9	2011			22,000		
838	2001 Chevrolet Cavalier	02/09/01	11,397	40,000	75,000	9	2011			16,600		
800	1998 Ford Taurus	03/27/98	14,150	94,000	105,000	9	2016					
<b>TOTAL BUILDING DEPARTMENT</b>												
								\$0	\$21,500	\$55,200	\$14,700	\$41,000
<b>FINANCE DEPARTMENT:</b>												
1017	1999 Plymouth Breeze											
1056	2000 Chrysler Cirrus	04/07/00	12,240	69,000	75,000	8	2016			16,600		
1016	1999 Plymouth Breeze	04/23/99	11,883	55,000	75,000	8	2011			16,600		
<b>TOTAL FINANCE DEPARTMENT</b>												
								\$0	\$0	\$33,200	\$0	\$0
<b>ADMINISTRATION DEPARTMENT</b>												
1200	1993 Ford Pick-up	05/07/93	9,241	79,000	---	N/A	N/A					
1212	2000 Ford Crown Victoria	08/11/00	19,851	23,000	55,000	7	2010					
<b>TOTAL ADMINISTRATION DEPARTMENT</b>												
									25,000			
<b>TOTAL OTHER DEPARTMENTS</b>												
								\$0	\$25,000	\$0	\$0	\$0
								\$0	\$46,500	\$88,400	\$14,700	\$41,000

a. Replaced in 2008  
b. Retained vehicle - used by finance dept. - No replacement value

**CITY OF NEWARK, DELAWARE  
HISTORIC ELECTRIC REVENUE**

**1978 - 2008**

ACTUAL	RESIDENTIAL			COMMERCIAL			INDUSTRIAL		
	K.W.H.'S	AMOUNT		K.W.H.'S	AMOUNT		K.W.H.'S	AMOUNT	
1978	47,263,343	2,166,809		25,482,892	1,363,272		23,620,984	1,046,903	
1979	45,845,212	2,734,354	-3.00%	26,815,347	1,791,173	5.23%	24,579,568	1,425,204	4.06%
1980	48,801,671	3,452,863	6.45%	25,738,375	2,080,387	-4.02%	22,352,160	1,573,201	-9.06%
1981	43,986,864	3,893,012	-9.87%	27,178,859	2,627,959	5.60%	22,602,728	1,898,147	1.12%
1982	43,137,841	3,933,179	-1.93%	28,292,094	2,873,920	4.10%	20,068,388	1,768,178	-11.21%
1983	45,837,651	3,956,279	6.26%	30,083,992	2,930,774	6.33%	22,240,732	1,864,642	10.82%
1984	46,407,298	4,219,522	1.24%	33,540,897	3,409,949	11.49%	22,320,832	1,930,875	0.36%
1985	46,531,664	4,175,755	0.27%	35,777,772	3,272,870	6.67%	24,248,284	1,919,658	8.64%
1986	52,039,603	4,321,185	11.84%	36,314,077	3,303,989	1.50%	29,019,420	2,195,289	19.68%
1987	55,864,578	4,385,783	7.35%	40,852,222	3,410,902	12.50%	31,644,208	2,187,622	9.04%
1988	60,159,330	4,737,925	7.69%	43,812,598	3,728,667	7.25%	36,161,540	2,557,794	14.28%
1989	61,397,514	4,774,355	2.06%	43,556,545	3,712,034	-0.58%	41,493,960	2,780,049	14.75%
1990	62,362,391	4,905,213	1.57%	44,525,460	3,888,248	2.22%	46,393,848	3,179,591	11.81%
1991	66,910,239	5,396,441	7.29%	46,170,876	4,162,841	3.70%	49,012,452	3,506,408	5.64%
1992	64,978,177	5,254,381	-2.89%	48,389,848	4,574,287	4.81%	51,225,344	3,816,907	4.51%
1993	70,419,904	5,784,053	8.37%	51,419,800	4,751,224	6.26%	51,785,984	3,718,311	1.09%
1994	72,628,340	6,036,156	3.14%	52,441,408	4,923,671	1.99%	56,105,165	3,943,019	8.34%
1995	73,760,181	6,039,617	1.56%	53,255,855	4,893,028	1.55%	58,729,818	4,052,001	4.68%
1996	76,935,435	6,233,273	4.30%	56,731,703	4,821,719	6.53%	63,739,741	4,060,786	8.53%
1997	75,426,029	6,314,115	-1.96%	57,991,420	4,974,883	2.22%	70,532,258	4,607,970	10.66%
1998	79,049,242	6,624,174	4.80%	58,738,947	5,070,990	1.23%	77,557,423	5,101,162	9.96%
1999	82,663,113	7,119,605	4.57%	61,623,625	5,411,343	4.91%	78,008,484	5,266,567	0.58%
2000	82,726,767	7,325,820	0.08%	66,753,182	6,012,919	8.32%	84,999,341	5,994,845	8.96%
2001	88,519,870	8,344,375	7.00%	65,464,111	6,376,357	-1.93%	92,982,421	7,055,401	9.39%
2002	94,460,229	9,565,888	6.71%	65,221,814	6,861,715	-0.37%	95,028,551	7,887,707	2.20%
2003	94,231,512	9,155,323	-0.24%	65,415,679	6,706,108	0.30%	95,929,785	7,470,934	0.95%
2004	94,941,293	9,250,770	0.75%	70,386,420	7,076,181	7.60%	94,456,491	7,237,815	-1.54%
2005	101,147,622	10,322,536	6.54%	72,096,285	7,526,829	2.43%	95,934,668	7,883,381	1.56%
2006	91,267,630	12,088,909	-9.77%	71,952,626	9,449,201	-0.20%	92,955,211	11,132,663	-3.11%
2007	93,500,629	12,903,967	2.45%	75,696,947	9,885,974	5.20%	98,276,336	12,472,474	5.72%
10 Yr Avg Ann'l Growth	2.40%	10.44%		3.05%	9.87%		3.93%	17.07%	
20 Yr Avg Ann'l Growth	3.37%	9.71%		4.26%	9.49%		10.53%	23.51%	
APPROVED BUDGET									
2008	92,825,656	13,173,083	-0.72%	75,150,497	10,092,149	-0.72%	97,566,887	12,732,591	-0.72%